

62.27
BERRY

FEB.—MARCH
APRIL

and *American*
FIELD SEED CO.

1954

MID-SEASON SEED SALES

EXTRA VALUES

Sometimes low prices are emphasized more than values. We all like to buy at savings, providing the savings are genuine. When you buy seeds the savings depend entirely on the value you get. Value depends upon the ability of the seed to produce a crop on your farm. The heavier the stands, the more vigorous the growth, the greater your profits.

Berry's have invested tens of thousands of dollars to make their seeds give greater assurance of satisfactory stands. They are the originators of the Genuine Gro-Coat protection that is now wanted by farmers all over the nation. We take good seed, improve it by careful grading and cleaning, test it to prove its quality and then protect the seed so it has a better chance to make a healthy vigorous plant. That is why you get Extra Values at Berry's.

GUARANTEED PRICES

Seed markets have been very strong all winter. Supplies are much shorter than had been anticipated and forecast. The demand on the other hand has been heavier than expected. Many seedings were lost last year. The need for seed in many areas is tremendous. These factors may combine to push prices upward.

Seed prices started out on a much lower level this year than they have been for a long time. While there have been some advances they are still low. We will guarantee the prices in this circular against advance so long as stocks on hand hold out. We will sell it out as long as it lasts at the prices here given.

You will notice that some of the items offered in our catalog are now sold out. We do not expect to replace them this season. There are good supplies left of the ones listed in this circular but the stocks are not extremely large. Some can be replaced if they become exhausted but at what prices, we do not know at this time. Better order early. Do it today.

PROMPT SERVICE

By eliminating some of the lots as explained above we can concentrate on the kinds available and thus have stocks with which to fill orders promptly. We will work night and day all week long to get your shipment rolling. We will gladly work with the transportation companies to speed delivery of the shipment. Freight or truck are the recommended methods. In emergency Parcel Post or Express can be used but they are quite expensive.

We suggest you permit us to make a satisfactory substitution if some particular item on your order should be sold out. You will then be refunded if price is lower or billed if a little higher. In any event you can depend upon us to do everything possible to effect quick delivery. Help us to do this by sending your order as soon as possible.

BETTER STANDS GUARANTEED

See next inside page for more detailed information on this. Also page 2 of our general catalog. This is the most sensational guarantee ever put on seed. It has been made possible only because the performance of Gro-Coated brand seed for the past five years has been sensational. If our cost on grass or legume seed costs you any more per acre and you don't get better stands, you get that extra money back. See exact guarantee on the next inside page.

BERRY SEED CO.

Clarinda, Iowa

February-March-April, 1954

Sec. 34.66, P.L.G.R.

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Clarinda, Iowa

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WASHINGTON 25, D.C.

Form 3547 Requested

Buy **GRO-COATED** Seeds

The Most Economical Seed to Sow

It's What You Get That Counts

Farmers are not so much concerned with what's in a bag of seed, provided it's clean. You should be very much concerned with what you get out of that bag of seed. It's a crop you are after. More plants, healthier ones and more productive.

It has now been established beyond any question of doubt that big strong high germinating seeds can be killed by fungi while they are sprouting. Or the plant it makes can be weakened by the fungi. It may come up and die or live to be a sickly runt. Seed that is affected in this way cannot make you a profitable plant.

These fungi are more active under damp cold conditions. In some soils they are more plentiful than in others. We cannot do anything about the weather which influences this fungi growth. But—we can control the fungi.

Berry's have developed a private formula of fungicides to which has been added a rooting hormone. We call that material Gro-Coat. We apply this to all of our seed with special machinery at carefully controlled rates. Our seed with few exceptions thus is Gro-Coated brand seed.

The results on farms have been beyond our greatest expectations. Increases in stands have ranged upward to 150%. It is because of its performance that we now guarantee it as set forth below.

The Results Prove Their Economy

We do not lay claim to the lowest prices per pound. It costs more to produce Gro-Coated brand seed. They are worth more because they do more. These are not boastful words. During the past five years the performance of Gro-Coated brand seed has been sensational. That is why it is now guaranteed as shown below.

Our prices are not high. We keep them just as low as we possibly can. Many of our customers say they can sow a fourth less seed per acre and get just as good stands as they ever had. Many write the plants grow faster and seem to recover more quickly after cutting. That may be because they are healthier plants. When you sow less seed per acre the cost of seeding Gro-Coated brand seed is considerably less than any others.

There are other customers who say they sow at their normal rate of seeding but get much heavier stands. That is why they consider Gro-Coated brand seed the most economical seed they can sow. They will use no other. Remember this, if our seeds costs are higher per acre and you don't get better stands you get a refund as set forth in the Guarantee below.

There are imitations. Demand the genuine. See tag, seal and certificate below. They help you identify the real Gro-Coat protection.



Showing Nodules on roots from GRO-COATED Seed.



Showing increase in Stand and Growth from Gro-Coated Seed.



Shows a seed being destroyed by fungus.

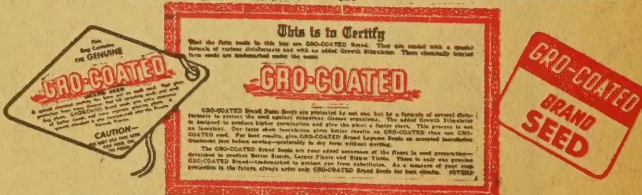
MOST SENSATIONAL OFFER EVER MADE!

Better Stands GUARANTEED

GUARANTEE

We guarantee that our Gro-Coated Brand Grass and Legume seed will give you better stands than any other commercial seed of similar quality sown and grown under the same conditions. If it does not, we will refund you any extra seed cost per acre that you invested in our seed. Reports on stands to be made within 60 days after seeding. Legume seeds are to be inoculated.

It's "GENUINE" ONLY when the Bag carries this Tag, Seal and Certificate



BERRY-American, SEEDSMEN TO A NATION



Why I Urge Prompt Orders

The better our customers are satisfied the faster our business develops. You can get the best values now and the quickest service.

You should order now. This year the market situation is the exact opposite of what it was a year ago.

Now they are exceeding strong. (1) Early markets were very low. There are several reasons for this. (2) The early forecasts on seed supplies were too high. There isn't as much seed as had been anticipated. (3) Acreage regulations on corn and other crops is creating a heavier demand for grass and legume seed than normal. That these three factors to disappear rapidly. We have already taken a creating a heavier demand for grass and legume seed than normal. That these three factors to disappear rapidly. We have already taken a

causing seed supplies to disappear rapidly. We simply couldn't find enough seed. These three factors to disappear rapidly. We simply couldn't find enough seed.

We, here at Berry's, decided we would accumulate good supplies on most kinds that were available. As this Circular goes to press supplies on most kinds that were available. As this Circular goes to press supplies on most

Not necessarily the lowest prices. There never has been anything like it before. You can't lose on a deal like this. In our very best in our dollar, you can get extra value today for the Nursery Stock and in our Sincerely yours, CHARLES E. SINN, President.

RETAIL STORES Department

Serving customers in Iowa, Illinois and Ohio

The following are the locations of our retail stores:

- BERRY SEED RETAIL STORE**
East On Hiway No. 30
Boone, Iowa
Phone 2630W
- BERRY SEED RETAIL STORE**
425 North Main
Marion, Ohio
Phone 2-9556
- BERRY SEED RETAIL STORE**
1711 Lima Ave.
Findlay, Ohio
Phone 4880
- BERRY SEED RETAIL STORE**
West On Hiway No. 30
Van Wert, Ohio
Phone 41801
- BERRY SEED RETAIL STORE**
107-111 West Main
Greenville, Ohio
Phone 578
- BERRY SEED RETAIL STORE**
C.C.C. Highway, West City Limits
Washington Court House, Ohio
Phone 56601
- BERRY SEED RETAIL STORE**
904 East Kent Street
Streator, Illinois
Phone 2175
- BERRY SEED RETAIL STORE**
2801 North Vermillion St.
North Vermillion, Mo.
Phone 6-3076
- BERRY SEED RETAIL STORE**
1153 Grand Avenue
On Hiway No. 150 & 97
Galesburg, Ill.
Phone 8-1566
- BERRY SEED RETAIL STORE**
Route 55, North City Limits
Kankakee or Bradley, Illinois
Phone 27811
- BERRY SEED RETAIL STORE**
1929 West 43rd Street
Lafayette, Illinois
Chicago, Illinois
- BERRY SEED RETAIL STORE**
East Garfield
Clairinda, Iowa
Phone 1030

Farmers drive many miles to visit our stores and we are always glad to welcome you. However, you can get equally satisfactory service by mail. Over two generations have found Berry's a dependable source of information on seedling problems. You are assured of equally fine values when you order by mail. Our success is based on the satisfaction our customers get. It is the savings and quality that do it and now with Gro-Coated Brand seed you get the best that money can buy whether you visit a store or order by mail.

HARDY RED CLOVER

MEDIUM AND MAMMOTH



Canadian Medium Red

EXTRA HARDY
RED CLOVER

BEAUTIFUL BRIGHT, WORLD BRAND QUALITY

This is one of the finest lots of Red Clover seed that we have seen this year. It comes from the Province of Ontario, from that section which lies between New York State and the State of Michigan. This gives you Northern origin seed which should have additional winter hardiness. It was produced under the same climatic conditions as our Northern States and that is the kind of seed that many of our customers are wanting. We consider ourselves very fortunate that we have this beautiful seed for you. It was not available when our general catalog was printed so we are glad that we can offer you this exceptional value at the present time.

99.50% Pure, 92% Germination

Our seed that we have available at this time, as we go to press, is free of all noxious weeds. It is 99½% pure and has 92% live seed. You cannot buy finer quality regardless as to what price you might be willing to pay. If you want to compare prices, take off \$1.80 a bushel, because that is about the added cost of the Gro-Coat but that little extra cost is the wisest money you can spend because more of these high germinating seeds will make plants than if they did not have this Gro-Coat protection. Of course, it is guaranteed. You can expect something extra fancy when you order this Canadian seed and you will get it. Super-critical customers who want hardy Northern origin seed, will not find a better buy than our World Brand Canadian Medium Red.

\$24.00 a bushel f.o.b. Marion, Ohio.

\$24⁹⁰
Bu.

F.O.B. Clarinda
and Streator

Disease Resistant KENLAND Medium Red

World Brand Kenland IDAHO GROWN

We are selling more Kenland Clover this year than ever before. It is very evident that the fame of this clover is becoming better known. In areas where there is trouble with Southern anthracnose this is by far the best clover to choose. If you do not have this difficulty then a regular medium red like the Canadian above or the Central States below is good. However, it seems as though this disease is becoming more and more widespread and that is why these varieties that are resistant to these diseases are becoming more popular. When these diseases enter you just have to select a variety that has resistance.

We have reports from the Montana Experiment Station that this clover is a fine variety that lives longer than other red clovers grown in the red clover belt of the United States. If you are having difficulty with good red clover stands, it might be that Kenland would be the most economical seed for you to buy. See Item 38 on our price list.

\$28²⁰
Bu.

F.O.B. Streator, Ill.

\$28.35 bu. f.o.b. Marion, Ohio

State Certified Kenland Finest Blue Tag Grade

The Idaho grown Kenland described in the opposite column is the same as this, excepting it has not been followed through in production like State Certified seed is. Certified seed is produced from foundation stocks. The fields producing this seed are inspected and so is the seed, through the cleaning process. You are no doubt familiar with the processes involved in the State Certification. This, of course, is only the top quality seed as only the very finest can go into certification. The World Brand seed described in the opposite column is also top quality seed only it has not been certified. Some farmers do not go through all the steps that are necessary to produce certified seed.

For the ultimate in perfection, this Blue Tag Quality, State Certified, gives you this disease resistant clover at its very best. Both of our lots of Kenland Clover will come to you Gro-Coated so you can have the assurance that you will get this fine seed with a full protection. This is Item 37.

\$29¹⁰
Bu.

F.O.B. Streator, Ill.

\$29.25 a bushel f.o.b. Marion, Ohio

LOT CHAMPION

60% Alfalfa 40% Red Clover

This seems to be a seeding that a great many farmers like. Some use it just the way it comes and others use it in combination with grasses like Brome Grass, Alta Fescue or Orchard Grass. The Alfalfa and Red Clover, grown together, seem to be unusually heavy in production. Ten pounds per acre should be ample, in fact, eight pounds of our Gro-Coated Brand seed would be sufficient to give you a good stand. You can get the heaviest production with a heavier rate of seeding. The percentages may not be exactly 60-40. There might be a trace of other crop seed in it. About 3 to 5%. The color, the size of the berry, the freedom of weeds, the strength of germination, the hardiness in this Lot Champion is all very good. It is a seeding that should be adapted anywhere throughout the red clover area. It's Gro-Coated of course and has a total crop purity of 99%. It's a very splendid value at today's prices.

\$23.25 bu. f.o.b. Marion, Ohio

\$23²⁵
Bu.

F.O.B. Streator, Ill.

Central States Medium

WORLD BRAND

PLANET BRAND

This is a very extra fancy quality of Central States Grown Medium Clover seed. This means of course, that it has been grown for a period of time in the central states area. This should give it very good adaptation to the main portion of the red clover section. It is not quite as bright in color as the World Brand Canadian Medium Red described above, but otherwise from the standpoint of purity and germination, you will find it very satisfactory. Some farmers like the Central States better because they like to have it come from the area in which they live.

\$25⁵⁰
Bu.

F.O.B. Streator, Ill.

\$24.90 per bu.
F.O.B. Marion, Ohio

All of the clover seed that is produced in the central states is not of equal quality insofar as appearance is concerned. We will get some seed that is a little off color and also smaller berried. It contains a little crop seed. This seed can be purchased at a very substantial discount. The germination per hundred seeds in this grade will not be as high as in the World Brand. However, the berries run smaller, there are more seeds per pound. That is why a quality like this can give and produce very satisfactory results. You will find this to be a very good, serviceable grade of seed. Of course, it has the Gro-Coat protection which gives you every assurance of getting satisfactory results. You will find it a real value at the very attractive price that we have on it.

SOLD
OUT

SOLD
OUT

MAMMOTH RED

World Brand Clover

Mammoth Clover matures its seed crop somewhat later than the first cutting of Medium Red. It only makes one seed crop in a year or one hay crop. The second growth makes wonderful pasture and is also great for plowing under for soil-building purposes. The growth is somewhat coarser than that of the Medium Red. The plant lives longer, as a rule. Some like it in pasture combinations better than Medium Red for this reason. Normally this Mammoth Red Clover oftentimes sells at higher prices than the Medium but this year you can buy it at a lower price as the production of it was a little heavier than the Medium. In the World Brand quality, you get top grade seed, fine, hardy, northern grown stock, beautiful color, high in purity and germination and seed that we are sure will please you. Yes, it is Gro-Coated. It is Item 41 on our price list.

\$24⁶⁰
Bu.

F.O.B. Streator, Ill.

\$24.00 a bushel f.o.b. Marion, Ohio

LOT SOIL BUILDER

65% Mammoth Clover, 35% Sweet

By combining this Mammoth Red Clover or the Big One Cut Clover, as it is sometimes known, with sweet clover you can get tremendous yields. The Mammoth clover grows in between the sweet clover and makes a dense mat of green that can scarcely be equalled by any combination. It does wonders for soil when such a growth is plowed under. The hay is not of as fine a quality as Medium Red. Some farmers prefer the extra big yields even though it is not as fine. In pasture combination with grasses like Brome, Alta Fescue or Orchard Grass it does a splendid job. Increases number of livestock you can put on an acre. Improves the feeding value. Enriches the soil. The quality is good. You will find it a splendid value. Item No. 43.

\$17⁸⁵
Bu.

\$17.55 a bushel f.o.b. Marion, Ohio

F.O.B. Streator, Ill.

ALSIKE AND OTHER CLOVERS



World Brand Alsike

Alsike Clover fits into certain conditions much better than Red Clover. It will grow on wetter land than Red Clover. It is not so sensitive to acid soil conditions.

Pound for pound Alsike is higher in feeding value than Red Clover. It is finer stemmed and there are no hairs on the stem so the hay is less dusty than that of Red Clover. It is very frequently grown together with Timothy for hay. It lasts quite a few years, as a rule, from a seeding. There are many farmers who make a practice of sowing a couple of pounds of Alsike with Red Clover. The seed is much smaller and a little of it goes a long ways.

This World Brand quality is a beautiful lot of seed. It has a splendid dark green color, large berries. It has strong vitality. This is really a beautiful lot of seed. We are glad to offer it to you and we believe you will be proud to display this value to your friends. It comes to you, of course, Gro-Coated, as we take every precaution with all kinds of seed in order that our customers may have the best possible assurance of success. That's why you will find our seed such a splendid value. Item No. 54.

\$18⁹⁰
Bu.

F.O.B. Clarinda, Ia.

\$19.20 bushel 60 lbs., f.o.b. Streator, Ill.

\$19.35 bushel f.o.b. Marion, Ohio

Universal Brand Alsike

This is a good second quality of Alsike Clover seed. It is not quite as bright in color. The overall test is a little lower. There are more seeds to the pound. You don't have to sow any more seed per acre. You can make an extra saving on seeding costs by using seed of this quality and character. The opposite column tells you something about the characteristics of Alsike. It is a Clover that has a beautiful green color and we have seen it grow as tall as three to five feet. That is, perhaps, a little above the average but it indicates the possibilities of this great Clover. It is not as strong stemmed as Red Clover and likes another grass or Clover with it. Timothy is widely used. On very wet land you can put it in with the new Meadow Foxtail Grass, Reed Canary Grass or Red Top. On other soils it combines well with Timothy and Orchard Grass. The Clover grows in between the grasses and helps to make more of a compact growth. It is packed with feeding value. It's Gro-Coated seed of course, like all of our seed. When sown alone use around 6 pounds of Alsike per acre or in mixtures smaller quantities can be used. See Item 52 on the price list.

\$16.80 bushel 60 lbs., f.o.b. Streator, Ill.

\$16.95 bushel f.o.b. Marion, Ohio

\$16⁵⁰
Bu.

F.O.B. Clarinda, Ia.

Customer for 39 Years

I have purchased seeds from you practically each year since 1915, and have never had occasion to return any and I feel that I have saved many dollars on account of receiving better seeds for less money. I have recommended your seeds to many of my neighbors.

I like your Gro-Coated seed fine. It has never failed on a stand yet.

You will be receiving my order for 1954 seed in a few days in order to take advantage of the savings on early orders. Very truly yours,

L. E. Anthony
New Martinsville, W. Va.

Best Stands He Ever Had

I have been using Gro-Coated seed for two years now. I have never had such good stands in my life. I have been growing World Brand Mammoth Clover and sowed 5 bushels on 50 acres, and then limed ahead of the oats. It was a perfect stand all over 50 acres that I sowed.

I plowed this Clover in late fall. Corn on that ground made over 100 bushels.

Erwin Menssen
Roanoke, Illinois.

Birdsfoot Trefoil

This crop is sometimes called Poor Land Alfalfa. It will grow on poor land, rich land, on wet acres or on dry ones. It is a great crop for pasture. We have never heard of a single report of bloat on Trefoil pasture. It will stand lots of trampling and close grazing. It has been grown very freely in New York state and also down farther south. It has been giving splendid results in this area and we do urge that you all try some Trefoil, especially where you are wanting a permanent pasture. The plant is sometimes a little slow in getting established, especially if it has to compete with other grasses or Clovers. It is rather fine stemmed at first and therefore does not like too much competition. Some even sow it in rows using a corn planter with plates with small holes in it, drilling it with some spouts closed. Sown in this way it can bloom the first year. The seed comes in pods which pop open when the seed is ripe and scatters the seed so it will reseed itself into a thicker stand. It will do this also when sown in pastures.

The plants are quite fine stemmed and therefore like to grow with some other crop if you want it for hay. It will grow 18 to 36 inches high. It looks very much like fine stemmed Alfalfa. Has a deep tap root with branches. It is somewhat impossible to tell you even half the story about this wonderful crop here. Write us for our circular on Birdsfoot Trefoil which will give you further details about it. It is also described on page 27 of our general catalog.

CERTIFIED EMPIRE

There is some call for this Empire strain which has been developed in New York state. It is claimed that this has better staying powers and is preferred by some growers. The supply of this is not yet plentiful and as a consequence the price range on it is very high. It's four times the price of the import seed. We have limited supplies for you if you wish it. If you wish it with the certified seal it should be bought in lots of 10 lbs., 30 lbs., or 60 lbs.

10 lbs. would be **\$26.00**; 30 lbs. **\$75.10**;
60 lbs., **\$150.00**. Single pounds postpaid,
\$3.50; 5 pounds, **\$16.00**.

REGULAR STRAIN

This seed is imported from Europe. It has not shown any evidence of being non-adapted. The dealers in eastern states tell us that farmers in that state like New York, are taking imported seed in preference to their home grown seed so they can sell their Empire State to other states at high prices. We do not want to infer that the Empire Strain is not good but we also definitely believe that this Regular Strain that we have is a very satisfactory type of Broadleaf Birdsfoot Trefoil.

Price: 30 lbs., **\$18.50**; 60 lbs., **\$36.90**.
In smaller lots, 1 lb. postpaid, **95c**; 5 lbs.,
\$3.75; 10 lbs., **\$7.25**.

Sure Grows Well

I have sowed your Gro-Coated Alfalfa and Clover seed the last few years and it sure grows well.

Chas. Kramer
Glencoe, Minnesota.

Stands Drought Well

The seed was excellent and I got a good stand despite the dry summer we had here.

Virgil Fredricks
Glenvil, Nebraska.

Seed Better—Prices Lower

We have sown seed from other houses for about three years and have not come close to your quality even at much higher prices.

James E. McVoy
LaFayette, New York.

Sow Only Gro-Coated Seed

I have been a Berry-American customer for about 20 years and always satisfied with their dealings. For 2 years I have been using nothing but Gro-Coated seed and find it has paid me well. Hoping I will get as good results from this order. Yours respectively,

J. E. Husser
Princeton, Illinois.

LADINO

Giant White Dutch Clover

STATE CERTIFIED SEED

This Clover can be used for pasture. You can put it in a silo and it has been widely used as a hay crop. It is widely adapted, easy to start, perennial clover, very palatable. It starts growing early in the spring. Will stand wetter land than Alfalfa or Red Clover. Produces abundantly on upland of fair to good fertility. It has very fleshy, creeping stems that root at the joint. It covers the ground very thoroughly. The blossoms sometimes are as large as Red Clover but of course look more like the White Dutch Blossom. You can use it as a straight Ladino pasture for poultry but for pasture for sheep cattle you should use considerable grass with it in order to reduce the danger of bloat.

The reports used as a poultry range indicates yields as high as 30 to 40 tons of green feed per acre. Analyses as high as 30% protein on a dry basis. An 8 acre range carried from 2,500 to 3,000 head of poultry from April until October. Illinois reported three cows pastured per acre throughout the grazing season. This crop is very widely adapted. It is grown from the Atlantic to the Pacific and south into Tennessee for pasture, hay and silage. It really is a wonderful crop when properly used. Ask us for our free circular on Ladino Clover. Use it to seed old pasture without covering. If sown alone 2 pounds per acre is enough. A half to one pound and even a quarter of a pound to the acre added to other seedings is good.

The seed that we have for you is the genuine State Certified Ladino. There is nothing better. In small lots of course, it does not come with a state seal but it is all genuine certified stock.

Postpaid: 1 lb., **\$1.00**; 5 lbs., **\$4.00**; 10 lbs., **\$7.50**; **\$39.00**
bu. 60 lbs. f.o.b. Clarinda; **\$39.30** Streator; **\$39.45** Marion

\$19⁶⁰
30 Lbs.

F.O.B. Clarinda, Ia.

Golden Acre

A Combination of 6 Legumes

We have quite a lot of customers who want a variety of Clovers in their seedings. Some are using it for soil improvement. A good many use it in pasture combinations. Others like it for soil improvement. By having different kinds of Clovers in it, which grow at different heights it makes almost a solid mass of vegetation, and the yields are enormous. Another reason some farmers like it is because they figure if one fails to catch, due to unfavorable weather conditions, there are plenty of others left to make a good stand. They do not all mature at the same time so when used as a pasture combination it generally prolongs the pasture season. If you happen to strike a wet year there are Clovers in it like Alsike and Trefoil that will go on producing and the Ladino also stands quite a lot of wet. There are many reasons why this seeding is so popular.

Contains Alfalfa, Red Clover, Sweet Clover

Alsike, Ladino and Birdsfoot Trefoil

We can give you an exceptional low price on this wonderful seeding because we use in it lots of seed that have been grown mixed. They can be bought at a discount. By using these and mixing some others in with it you can get a splendid seeding at a very low cost. The percentage of Ladino and Trefoil are smaller because the seeds are smaller and it doesn't take so much to do a good job, but it contains around 10% of Trefoil. Seven to eight pounds per acre will give you a good stand. This makes the seeding cost very low. See Item 58 on the price list. It's Gro-Coated seed of course.

\$20.25 bu. Streator; **\$20.40** bu. f.o.b. Marion

\$19⁹⁵
Bu.

F.O.B. Clarinda, Ia.

BERRY'S GRO-COATED ALFALFA

GIVES EXTRA ASSURANCE OF SUCCESS

RANGER ALFALFA

World Brand Northern

Very Beautiful Lot of Seed

The swing to Ranger Alfalfa is very strong this year. From every area letters are rolling in for this wilt-resistant alfalfa.

Ranger Alfalfa is made by combining several different alfalfas into one. It is a multiple strain variety coming from selections out of Turkistan, Cossack, and Ladak. This makes it a very winter hardy type of alfalfa. That is perhaps why it is being used even though wilt may not be a factor. One of the outstanding characteristics, however, about Ranger is its ability to resist bacterial wilt. That is a disease which comes into alfalfa generally after the second year. When it hits there is nothing that you can do to stop it. Spraying is not effective. The only solution is to get a wilt-resistant type. This Ranger Alfalfa and the Buffalo described on the next page are two of the best wilt-resistant varieties.

Hardy, Fine Stemmed, Leafy and Long-Lived

This variety is widely adapted especially to the northern half of the corn belt and north to the extreme border line and even into Canada. The fine character of its growth is liked by many farmers who prefer to have their alfalfa of this character. This is among the other reasons why more Ranger Alfalfa is being sold this year than any other kind.

This Northern Grown World Brand Ranger comes from states like the eastern part of Washington and we also get some out of Wyoming and these areas have quite severe winters so that hardy characteristics of alfalfa can be readily maintained. This northern seed is not certified. Where northern seed is used however, they consider this of not as great an importance as when you use the southwestern seed. You will find this World Brand of top quality, plump, bright, of high germinating seed. It is free of noxious weeds. Its quality is unexcelled. It's a Gro-Coated Brand too and guaranteed to produce better stands as explained in this circular and our general catalog. It is priced to save you real money when you consider its northern origin, its fine quality and its Gro-Coat protection.

\$24⁰⁰
Bu.

F.O.B. Clarinda, Ia. **\$24.45 bu. Marion, Ohio; \$24.30 f.o.b. Streator, Ill.**

RANGER ALFALFA

State Certified Western

Finest Blue Tag Quality

Certified seed has to meet certain specifications. First it has to be grown from foundation seed. It has to be grown with a certain amount of isolation. The fields have to be inspected by experts. They want to be reasonably sure that the seed being produced is from the plants that came from the foundation seed and also there are specifications as to purity and germination. Therefore, when you buy Certified seed you have extra assurance of getting the exact variety as well as a very high standard of quality.

Western Certified Seed, Adapted Everywhere

When you get southwestern common alfalfa it is recognized that that is not as winter hardy as alfalfa produced farther north. When you take the Certified Ranger however, this does not hold true. Since the seed is produced from the original foundation stock the genetic qualities are not changed. You can, if you wish, check this with your State Experiment Station, as we have done with many northern and corn belt states and all of them have stated that the Certified California Alfalfa is considered adapted to their state. This includes states like Minnesota, Wisconsin and Michigan. Therefore when you buy certified stock it is not so necessary to specify northern origin.

It is fortunate that this is true because this seed can be produced in the southwestern states and large yields per acre obtained. In this way the supplies of seed increase rapidly and the price goes down fast. For example, in 1952 this Ranger Alfalfa was selling at \$46.50 a bushel, in 1953 it was \$31.80 and now it is below \$25.00. That has put Ranger Alfalfa and the Certified stock within the range of practically every farmer. The opposite column tells you something about the characteristics of Ranger. We have both kinds available for you and will be happy indeed to take care of your order for either one. They are both Gro-Coated Brand and that is guaranteed as explained in this circular. You will find it very much to your interest to use this Gro-Coated Brand seed. The information regarding that is elsewhere in this circular and in our catalog.

\$24⁹⁰
Bu.

\$25.20 bu. Streator, Ill.; \$25.35 f.o.b. Marion, O. F.O.B. Clarinda, Ia.

LOT Bed Rock

Grimm Alfalfa

Northern Grown

Grimm Alfalfa is recognized as one of the more winter-hardy kinds of alfalfa produced in this country. Where winter hardiness becomes an important factor, the Grimm Alfalfa is a great favorite. The demand for Grimm Alfalfa continues strong.

Similar to Honest John

You will note that the Honest John Alfalfa, which is such a popular favorite, is only listed on the price list. Our supplies of it have become very low and we have been unable to replace it. Therefore we suggest anyone wishing Honest John seed permit us to ship Lot Bed Rock Grimm if Honest John is sold out. This seed contains smaller berries, has off-color seeds in it, the germination per hundred seeds is lower, however there are many more seeds per pound. That is why it gives good results even though the germination per hundred seeds is not as high. We have had some tests where we get more sprouts per ounce from Bed Rock than from higher priced grades.

It is around \$10.00 a hundred lower in price than the World Brand Northern described in the opposite column so you can appreciate that it is a wonderful value. It has the same Gro-Coat protection that all of our other alfalfas have and it is sold under a similar guarantee that it will produce better stands than any other seed of similar quality. If all our customers order Honest John and Bed Rock and they come all at once, our stocks may get exhausted on this so we would suggest that you try to get your order in early.

We aim to keep sufficient supplies of Bed Rock on hand to take care of you throughout the season, but the safest thing is to buy now.

\$18⁹⁰
Bu.

F.O.B. Clarinda, Ia.

**\$19.20 bu. f.o.b. Streator, Ill.
\$19.35 bu. f.o.b. Marion, Ohio**

Gro-Coated Seed Grows Much Better

I sowed Alfalfa, Red Clover and Sweet Clover. I had very good stands. I sowed some Gro-Coated seed with non-Gro-Coated and the Gro-Coated is much better. It came quicker and made a better stand. I have used it now for three years. I have sowed other Sweet Clover at 15 pounds per acre, plowed it in the fall because there wasn't any stand. I sowed your Gro-Coated seed 8 pounds to the acre. It contained some Mammoth Red Clover and got a very good stand. I insist on Gro-Coated seed.

PAGE FOUR



NORTHERN GRIMM

World Brand Quality

This is our very finest quality of the Northern Grown Grimm. Here you get the big bold bright berries and the high germination test per hundred seeds and of course high purity and freedom of weed seeds. This is a kind of seed that will satisfy the most exacting buyer. In our catalog you should have received a sample of the World Brand Northern Grimm which will also indicate the quality of World Brand Northern Grimm. If you are very particular as to the appearance of your seed, and want the Grimm alfalfa, we would advise ordering the World Brand grade. This Grimm is produced in states such as North and South Dakota, Oregon, Wyoming, Montana, Washington, Idaho and Nebraska. Seed from these areas is recognized as having excellent quality of hardiness. It is a vigorous growing alfalfa and in every way it is a lot that will please discriminating buyers.

It is, of course, Gro-Coated Brand and that Gro-Coat protection gives you the added assurance of getting better stands in your field. That is where it counts. That's where you make your money and remember our guarantee. If our seed costs you any more per acre and it does not do more for you than any other commercial seed, we will refund you that extra price. Nothing could be more fair. We can make that guarantee only because of the sensational performance that we have obtained from this seed throughout the past several years. This is Item 19.

\$24⁰⁰
Bu.

F.O.B. Clarinda, Ia.

**\$24.30 bu. f.o.b. Streator, Ill.
\$24.45 bu. f.o.b. Marion, Ohio**

LOT Gold

Dakota 12 Type

This Lot Gold has been one of our biggest selling lots of alfalfa for a good many years. It is northwestern grown and is what is known as the Dakota 12 type. This is the northern grown common and an alfalfa that has been giving very splendid performance. It is a very heavy producer of hay. We have quite a number of customers who have reported that they like it even better than Grimm and say that it makes a quicker recovery after cutting. This seed comes from areas where winters are severe and only the sturdiest plants survive to produce seed. The seed that is produced under such adverse conditions cannot but help to be a hardy character. Where winter-killing is a serious factor and the common type alfalfa is desired Lot Gold would be the best selection.

This too has the same quality characteristics as the sample of the World Brand Ranger that was sent to you with our general catalog. It is truly a beautiful lot of seed. It is bright, and clean and plump and high purity and strong germination. This is the kind of seed that I know will do a good job for you out in the field. Of course it is Gro-Coated. We have had a lot of farmers tell us that from the standpoint of performance they get in the field this is worth \$5.00 a bushel more. These comments come from people who judge value by the results they get and not just by the price that they have to pay. The true economy therefore of our seed, lies in what you get out of your field. You will find Lot Gold excellent by itself or in combination with Brome Grass, or Alta Fescue. It is seed of northern origin and a very outstanding value in top quality common northern alfalfa seed. Item 16.

\$23⁴⁰
Bu.

**\$23.70 bu. f.o.b. Streator, Ill.
\$23.85 bu. f.o.b. Marion, Ohio**

F.O.B. Clarinda, Ia.

Murphysboro, Illinois.
I have been growing Alfalfa for 20 years or more and my planting this year has been better and I have a better stand than ever before. Some nearby neighbors sowed non-Gro-Coated seed about the same time I did. They wanted to know what I did to get such a good stand and why it looked so much thriftier than theirs. I told them that it was Gro-Coated and protected with a chemical against disease. I am sure hereafter, they will all want Gro-Coated seed and I certainly want it on all of my seed in the future.

Paul Will.

BUY ALFALFA SEED NOW



Splendid Values

The value that we have for you in Alfalfa seed at this time are guaranteed extra quality values. There has been a tremendous demand for Alfalfa seed. Some of our lots have become sold out but you still have with us a very wide choice of varieties. The Honest John is about sold out. The Lot Bed Rock Grimm becomes a very splendid choice. There has not been a very wide difference in price between them at any time. The World Brand Corn Belt Alfalfa has been sold out but you will find out World Brand Northern Grimm or Lot Gold to be a splendid selection and both of them superior in winter hardiness. The Italian Alfalfa described below is replacing the Lot Western which was the southwestern U. S. seed. If you are looking for a fast growing variety of Alfalfa you will find that this will do all that the California did and more and at very substantial saving in price too as it's almost \$7.00 a hundred cheaper. The Certified Ranger and the Northern non-Certified as well as the Certified Buffalo are indeed very wonderful offerings. Many will like to try out the Nomad and the Rhizoma that are described below. These varieties too are listed in our catalog with the exception of the Italian which we received too late to be included in the catalog.

The fact that we want to re-emphasize again is the Gro-Coat protection that every pound of our Alfalfa seed has. It should be crystal clear that this seed definitely gives you greater assurance of satisfactory results. Also again refer to our guarantee of better stands or any extra costs refunded. We have good supplies of these Alfalfas as we go to press, but we do urge you to place your order as soon as you can because the supplies are not inexhaustible and cannot be replaced at present levels.

Inoculate All Legumes

Legumes include all kinds of clovers, Lespedezas, Alfalfa, peas, beans, vetches. Page 31 of our catalog gives you a lot of good information on inoculation as just how it works, how to apply it, why it is important to use. When your seed is properly inoculated the plant will have on it the nodules which permit it to use the nitrogen in the air for its own growth, and it will leave a lot of that nitrogen in the soil for the upbuilding of your land. Proper inoculation can have a big effect on the growth of your crop.

Price of the inoculation for alfalfa and clovers, the bushel size 55c, 2 1/2 bushel \$1.10, Trefoil, 1/2 bu. 35c, 1 bu. 65c. Lespedeza and Vetch, 100 lb. size 55c, Soybeans, 2 bu. 40c, 5 bu. 60c, 25 bu. \$2.70. Field peas 1 bu. 30c.

Certified BUFFALO Blue Tag Finest Quality Alfalfa

The Buffalo Alfalfa is also a wilt-resistant variety. It is not built up from different varieties like the Ranger, but it is rather a selection out of the Kansas Common which has definitely shown superior wilt-resistant quality. The yielding ability of Buffalo seems to be superior to the Ranger. At least that is what customers in this area report to us. They say it recovers faster and gives much greater yield. It is not as winter-hardy as the Ranger and in the northern areas the Ranger would be the better selection, but in sections like from Central Iowa on south the Buffalo is a splendid kind to use.

We would like to suggest to you that you buy some each of Ranger and Buffalo and grow them side by side on your farm. Then you can determine just which one you would want to select for your future planting. Try at least some of the Buffalo. We believe you will thank us for urging you to try some of it.

This Certified seed, of course, is grown from foundation stocks like the Ranger as described on the opposite page. You get the genuine pure quill variety and the finest of quality that is available in the United States. You can buy nothing better than the Blue Tag State Certified quality plus the Gro-Coat protection. You must remember that the finest of seed can be killed by fungi in the soil. By giving it the Gro-Coat protection you do almost entirely eliminate that cause for seeding failures and you have extra assurance of not only getting more plants, but getting healthier and more vigorous and more productive plants. All of these things spell more profit for you out in your field. That's where you really get the value. Judge it by performance rather than cost and you will send your order to us. Safe arrival and satisfactory quality are guaranteed as well as the guarantee of yields as explained elsewhere in this circular and our catalog. Order it now and be sure of getting your stock of Buffalo.

\$23⁷⁰ Bu.

F.O.B. Clarinda, Ia.

\$24.00 bu. f.o.b. Streator; \$24.15 f.o.b. Marion, Ohio.

Inoculate Alfalfa Seed

The reason Alfalfa is a soil building crop is that it has the power to take nitrogen out of the air for its own growth. It has this ability, however only when there are certain bacteria in the soil. These bacteria gather in the roots of the plants to form lumps or nodules. If they are not present then the plant uses the nitrogen it can find in the soil and then turns yellow and dies. The way to make sure that you have the proper bacteria in your soil is to apply nodule germ to the seed when you sow it. This can sometimes mean difference between success and failure in getting a stand and it can also have a tremendous bearing upon yield.

The price: 1 bu. size pkg. 55c; 2 1/2 bu. \$1.10

Lot MIDWAY

A Low Cost Alfalfa Seeding Similar to Honest John — All Domestic Seed

You will notice from our price list that Lot Honest John is marked limited supply. It is composed entirely of Northern or Central origin seed. A few years ago it also contained about 1/2 seed classified as Southern. This led to some confusion. Therefore, we established the policy of choosing a different lot name for any seed containing any seed of southern origin.

We are unable to secure sufficient seed of straight Honest John origin to supply our trade. This lot Midway is replacing it for the rest of this season. It is like the Honest John you purchased a few years ago. It has the same general appearance, color, germination and purity. The only difference is that it contains some southern seed.

Lot Midway contains not to exceed a third southern seed, the balance is of Northern and Central origin. The southern seed as a rule grows faster and makes more production the first year. Our customers use a lot of straight southern seed and like it because of this early fast growth. A good many report that it has wintered over for them in a satisfactory way.

With two thirds hardy origin you should be able to maintain good stands. When you use this in mixture with grasses, the sod made by grasses helps reduce winter damage. The yielding ability of this seeding is very high. It has that vigorous productive characteristic of common alfalfa. You should find it even more productive than Honest John.

The quality as stated is like Honest John. Contains some off colored seeds. It is lower in germination per 100 seeds than our higher priced seed. Berries are smaller. There are more seeds per pound. That is why it is capable of producing good stands. It can be sold at a very low price because of its appearance. It gives satisfaction. That is why so many customers want it. We wish we had more of it. Come and get it while we have it. It's Gro-Coated Brand seed like all of our seed. Remember there is only one Genuine Gro-Coat protection. Be sure you get it by looking for the Diamond shaped tag with the word Gro-Coat on the outside of the bag and the certificate. That's the kind that is Guaranteed to produce better stands. See complete Guarantee in this circular.

\$17.70 f.o.b. Streator, Ill.; \$17.85 f.o.b. Marion, O.

\$17⁴⁰ Bu.

F.O.B. Clarinda, Ia.

ITALIAN

Fast Growing Alfalfa

Southern Alfalfas have been grown to a considerable extent where fast growth is desired the first year. It has also been used in place of Sweet Clover where weevil is a problem. California Common Alfalfa has been used for this purpose, but this year it is just as expensive as our Corn Belt. We have just recently obtained some Italian seed which, according to reports we have, may do an even better job than California.

Grown in Milan Como District of Italian Alps Mountains

This strain, as reported to us, is especially noted for its quick rapid growth the first year. Also, that with favorable moisture conditions, it often gives two crops of hay the first year. It makes a quick recovery after cutting. Naturally such a growth can provide a heavy crop to plow under for soil improvement. This makes it admirably adapted in a short rotation program.

We do not offer this as a hardy alfalfa although it may do quite well, coming from this mountain area. It is rather for its quick growth that we believe it has much merit. It is now much cheaper than California Common. The seed will come stained 10% red with a harmless dye. The crop purity is over 99.25%. The color of the seed is a little darker than the California. The germination is very satisfactory for such seed.

Many are looking for a crop that will give good returns this year. This Italian Alfalfa may give you just what you are looking for. This lot, when sold out, cannot be replaced. We suggest when ordering that you permit us to substitute Lot Midway if sold out.

\$18.15 f.o.b. Streator, Ill.; \$18.30 f.o.b. Marion, O.

\$17⁸⁵ Bu.

F.O.B. Clarinda, Ia.

NOMAD ALFALFA

This is sometimes called the Creeping Alfalfa, and it is found to the greatest extent in the dry northwestern areas of the United States. These plants have stood an enormous amount of abuse and grown to plants of fantastically large size. Its tremendous drought resistance and its ability to stand heavy grazing make it a very desirable variety for pasture purposes. It spreads quite rapidly and while it is especially recommended for the northwestern areas where it has been found it does seem to have so much merit that it is worthy of a trial over a wide area, and we would suggest that you try a small amount of it at least.

Postpaid prices: 1 lb., \$3.00; 5 lbs., \$14.50; 10 lbs., \$28.00.

See Item 8 on price list.

RHIZOMA ALFALFA

This is a variety that spreads from underground roots. These roots are large and fleshy. They somewhat resemble tubers. It was developed at the University of British Columbia in Canada. It has shown itself to be extremely winter hardy and to have remarkable resistance against drought. We have not yet determined its adaptation throughout the United States. It possibly would not do too well where you have a lot of trouble with bacterial wilt, but otherwise, we certainly would like to see you try it because it apparently has a lot of merit and is something entirely different. If you get some of this seed and grow it, we would appreciate very much getting your reports on it as we believe this alfalfa should be much more widely grown.

Postpaid price: 1 lb., \$1.90; 5 lbs., \$8.50; 10 lbs., \$16.50.
The Item 7 on our price list.

**Best Values
Best Yields
Best Quality**

Gro-Coated
TRADE MARK
BRAND

**SWEET
CLOVER**

World Brand White Sweet Clover

This is top quality in the big growing type of Sweet Clover. It is a two year variety that is it will live over one winter and come up early the next spring. At that time you can plow it under when it is several inches high and put the land to corn if you wish. It is generally good for about a twenty bushel increase in production. Or you can pasture it for a while and then take a seed crop. Or if you cut it early you can make a hay crop out of it and then a seed crop. The second growth in the second year comes from the stubble that remains standing after the first cutting, so you do not want to cut it close to the ground in the second year or there will not be much after growth. This sweet clover often times makes a crop of hay or quite a little pasture the first year. The roots of this sweet clover are very large and powerful. They help to build up the fertility of the soil. They build up the humus content. This sweet clover will grow on ground that is quite low in fertility so long as it is not too low in lime.

This seed is scarified. It is thoroughly re-cleaned and of course, it's Gro-Coated. If you insist on getting the best and only the best, order the World Brand White Sweet. Of course, due to production problems even the best of white may contain a little yellow, but this quality represents the cream of the crop and we recommend it without reservations to those who demand the very best.

\$10⁹⁵
Bu.

F.O.B. Clarinda, Ia.

**\$11.25 bu., Streator
\$11.40 bu., Marion**



HUBAM

Annual White Sweet

CHOICE GRADE

This variety of Sweet Clover blooms and bears seed the same year it is grown. It makes its full growth in one year. When you plow up Hubam in the fall, it does not come up again unless you plow it so late some seed is shattered. The common sweet clover when plowed under the first year might come up the next year. Hubam is in quite heavy demand because it makes its full growth the same year it is sown. It has a high seed content up to 20 to 25%. It can be used for dehydrating and grinding for stock, is splendid for fertilizing, makes good pasture, is a good honey producer, it can produce seed yields up to 10 bushels per acre! It helps to control root rot in corn by providing quicker rotation.

Choice Grades Very Serviceable

We have been sold out of the World Brand Hubam. This seed has excellent purity. The color is not quite so good and the germination per hundred seeds is down a little. We suggest sowing this at 15 lbs. to the acre and have priced it accordingly low so that you can make just a little heavier rate of seeding, and thus establish it as a very splendid value. It's a bargain as long as the supply lasts. We would be glad to take care of you promptly on this very serviceable grade.

\$12³⁰
Bu.

F.O.B. Clarinda, Ia.

**\$12.60 bu., Streator
\$12.75 bu. f.o.b. Marion, Ohio**

World Brand Yellow Sweet Clover

This differs from the White Blossom principally in that it is somewhat earlier in blooming. Generally it is about ten days earlier. The growth is not quite as coarse or as tall. In some areas where Sweet Clover grows very tall, farmers prefer the yellow on account of being a little easier to handle. The growth also appears to be somewhat more leafy. For a hay crop in the second year we really consider it superior to the white. On a soil building standpoint we consider the two to be practically equal.

One fine way to use Sweet Clover for quick results is to sow it in the spring, pasture it in the fall or take off the hay crop then, then plow it under next April when it is 6 to 10 inches high and put it to corn. We recommend sowing our sweet clover at the rate of around 12 lbs. to the acre. You should inoculate your seed the same as Alfalfa. The seed bed should be firm. You can sow it on winter wheat or with spring grain. Roll it if possible after seeding. Of course, you get the Gro-Coated brand and that gives you the greatest possible assurance of satisfaction. This is item No. 86.

\$10³⁵
Bu.

\$10.05 bu. f.o.b. Marion, Ohio

F.O.B. Clarinda, Ia.
and Streator, Ill.

LOT DO-MORE Sweet Clover

This is our very lowest priced grade of Sweet Clover. It is good serviceable seed. Naturally at the extremely low price that we have on it it is not as fine in appearance as the more expensive seed. Our customers who use this grade of seed, however, are pleased with the results. It has smaller berries, more seeds per pound, that's why it gives good results even when the germination per hundred seeds runs somewhat lower. Lot Do-More is primarily white blossom sweet clover but will contain some yellow. That, however, does not have any practical disadvantage for pasture purposes, it is even considered superior as it provides a somewhat longer pasturing period. This is a biennial sweet clover just like the World Brand described above and can be utilized in a similar manner. If you wish to cut your seedling cost down to the very rock-bottom this Lot Do-More Sweet Clover will do the job for you.

\$8⁷⁰
Bu.

F.O.B. Clarinda, Ia.

**\$9.00 bu., Streator
\$9.15 bu., Marion, Ohio**

LOT PREMIUM High Grade White & Yellow

We have for years sold this kind of a combination and next to our World Brand Grade has been our biggest seller. Some years, in fact, it outsells others. It's a fancy quality of seed being very close to World Brand in quality. That means seed having good color size of berry, high purity and germination. As this contains more of the yellow than in the World Brand White, we can purchase it to better advantage and therefore, offer it at a lower price. Mixtures of yellow and white are very common. They are widely grown. Has an advantage especially when you have bees because the white and yellow mixed affords a longer bee pasture period. There is no clover that will carry as much livestock per acre as Sweet Clover pasture. High in protein, wonderful soil builder. In Lot Premium you get quality seed at an extra saving and it is a genuine Gro-Coated Brand. Item No. 87.

\$10⁰⁵
Bu.

**\$10.35 bu. f.o.b. Streator, Ill.
\$10.50 bu. f.o.b. Marion**

F.O.B. Clarinda, Ia.

LESPEDeza

SERICEA Lespedeza

Sericea is a perennial Lespedeza. It comes up from the roots in the spring. It does not have to reseed itself like the Korean. The growth of Sericea is quite different from that of other Lespedezas. It grows considerably taller and the growth is somewhat coarser. In the first year the Sericea may not produce so much growth. It tends to send up a single stem. From year to year it sends out more stems and as it has more stems, naturally the growth becomes finer. It is a plant that is quite leafy and it is a good drought resister. Since it comes from the roots it generally begins to grow earlier in the spring than other Lespedezas.

We do not recommend this crop for northern states. We have had reports of it wintering over as far north as the state of New York, but we would consider that this would be somewhat exceptional. Don't sow this clover as early as the others. About April 15th in southern Iowa would be about right. It wants a good solid seed bed and we suggest using around 8 lbs. of seed to the acre. Cover the seed lightly and roll it if possible. You can use a light nurse crop if you wish. The seed is quite a bit smaller than that of other Lespedezas and distinctly different in appearance. It all comes hulled and scarified. Item 76.

**\$22.50 bu., Clarinda; \$22.80 bu. f.o.b. Streator, Ill.
\$22.95 bu., Marion, Ohio.**

KOREAN Lespedeza

The kind most generally sown. The supplies of the Early Korean have become sold out. This regular will do practically everything that the Early Korean will do excepting it is later in maturity. It is not grown too far north. Perhaps areas like the southern one-fourth of Iowa would be about as far north as it can normally be grown. You can grow it farther north, but it may not reseed itself in those areas. The Lespedeza has the ability to grow on very poor soil without lime or fertilizer. It grows best during hot weather, therefore, the early spring growth is not good, but it does give you production when a good many other crops are becoming dormant. It is not a tall growing plant, but it is very fine stemmed and very leafy and the feeding value is very high. When used as a pasture it will put fat on cattle better than any other crops that we know of. We would gladly send you a free circular on Lespedeza upon your request. We have the Regular Korean unhulled, item No. 70.

\$18.60 per bushel of 60 lbs. f.o.b. Clarinda, Streator and Marion. Sow around 15 to 18 lbs. per acre.

Hulled and Scarified Korean requires only 10 to 12 lbs. per acre. This has the hulls removed and is scarified for quick germination. The Iowa customers should order this hulled seed. Supply very short. Price f.o.b. Clarinda, Iowa, only, \$21.00 per bushel.

GRASS AND CLOVER MIXTURES

5-WAY MIXTURE

Contains 50% Clovers—Alfalfa, Red Clover, Alsike and Ladino

This mixture is somewhat like the Marvelous Mixture described above excepting that this does not have any Sweet Clover in it. This makes the mixture somewhat more expensive and yet is desired by those who prefer to have a high grade, heavy clover seeding without Sweet Clover. You will find this a mixture that makes a wonderful pasture and also an excellent hay crop. The Ladino in it makes a splendid addition to any pasture or meadow. It generally increases in production from year to year. All of the other legumes in it make splendid combination to use with Timothy. You can use this combination just the way it comes. That's the way most people do. Some however, like to add some of the other grasses to it such as are offered on pages 10 and 11 of this Circular. You can sow it alone at the rate of around 9 pounds to the acre and get a very good stand. At that rate you should have around 40 to 45 clover seeds per square foot. See sample sent in our general catalog.

This seeding is gaining in popularity every year and we think this year will perhaps surpass Marvelous Mixture in the demand for it. We have installed new machinery so that we can make these combinations more uniform and they also assist us in preparing it for our chemical treatment which makes them the Gro-Coated Brand.

We find that a mixed seeding is oftentimes preferable to a seeding of straight legumes. The grass in it like the Timothy helps to make a better sod, stops soil erosion better for that reason. The legumes supply nitrogen which the grass seed can use to stimulate its own growth and increase its feeding value. A combination like this almost invariably outyields the same crops separately. We consider this Five Way Mixture one of the very best seed values that we have for our trade at this time. We would strongly recommend its use. Item No. 100.

\$29.00 f.o.b. Streator; \$29.25 f.o.b. Marion

\$28⁵⁰
100 Lbs.
GRO-COATED

F.O.B. Clarinda, Ia.

MARVELOUS MIX

2/3 Clovers — Balance Timothy and Kentucky 31 Fescue

This is our heaviest producing grass and clover combination. It is the most popular mixture that we have ever sold. This has given sensational performance. Normally we only had timothy in it but the Kentucky 31 Fescue has shown tremendous productivity. It will stand heat than timothy. It is not as aggressive as brome grass. Can be utilized for hay or pasture and we think it has added a great deal to the value of this seeding.

Ladino clover has also been added to this in the past couple of years. It does not contain a large percentage of ladino, however a little of that goes a long way and an excess of ladino might bring on bloat trouble when used as pasture.

This combination makes heavy crops of hay and it lasts several years. If you have trouble establishing alfalfa on your land it's a good thing to use because the alfalfa in the mixture helps to establish that crop on your land. Sweet clover opens up the soil and adds nitrogen. Red clover and the alsike and the ladino fill the lower growth while the timothy and the fescue support it. All in all, this can make very dense mass of vegetation on any of your fields and that is where it counts from the standpoint of production. We have many letters of recommendation on this Marvelous Mixture. Our customers report it is the biggest yielding crop they ever had on their farms. You could use this to check soil erosion and to build up your soil. The generous amount of clover in it increases the feeding value as well as adding to its soil renovating ability.

At the price we have on it this Marvelous Mixture will make you a splendid seeding and at a reasonable cost. When sown at 10 lbs. per acre you get an average of 50 to 60 clover seeds per square foot and you have the timothy and fescue in addition. Like everything else in our grass and clover line, it's Gro-Coated.

\$26.50 per 100 lbs., Streator

\$26.75 per 100, Marion, Ohio.

\$26⁰⁰
100 Lbs.

F.O.B. Clarinda, Ia.

RE-SEED YOUR LAWN WITH Reddi-GRO

Combination of Fine Grasses and Fertilizer



A beautiful lawn adds to the value and the pride of ownership of any home. Every winter there is some killing out of grass seed on most lawns. That leaves unsightly bare spots in a lawn where weeds will come in to take over. The dry conditions that we have experienced during the past several months will undoubtedly cause quite a lot of trouble next spring in the way of spotted lawns. This Reddi-Gro that we have is a product that will help you correct such trouble quickly, economically and efficiently.

This Reddi-Gro package contains 2/3 grass seed made up of the following grasses: Kentucky Blue Grass, 30%; Creeping Red Fescue, 9.35%; Poa Trivialis, 15.60%; Meadow Fescue, 14.4%; Perennial and Domestic Rye Grass, 24.7% and inert, 7.42%. This is all good re-cleaned seed combined with a top grade non-burning fertilizer. We have a combination that can get off to a quick start. We have quick growing grasses in it and by having the fertilizer right there it will help those grasses and give them a big boost. In that way you can patch up your lawn and get a quicker growth than can normally be obtained. Of course in getting any lawn started it should have favorable moisture conditions and it is desirable that you water it so as to keep the

top soil moist until the grasses have become well started.

This Reddi-Gro comes to you in a package that has four pre-scored circles on the side. You simply pull out those circles and the package becomes a seeder. You can apply this mixture just where you want it, there is no waste, no muss, no bother.

We are able to offer this at a very special price this year. This was prepared for a firm that was unable to meet the financial obligation and so we secured this at a discount. They discounted it very sharply because one of the grasses, the Meadow Fescue, was below normal in germination but it will have very little noticeable effect on the results because the other grasses are all satisfactory. This year all lawn grasses, like blue grass and Red Top are very high in price, the very highest they have ever been. In spite of this, we can sell you this Reddi-Gro at about half what it sold for last year. We figure one pound of seed to seed and fertilize 125 to 150 square feet. Last year it retailed at 2 pounds, \$1.89 and 4 pounds, \$3.75. You can buy it today while the supply lasts.

Postpaid: 2 lb. pkg., 98c; 4 lb. pkg., \$1.89. Not Prepaid: 5 lbs., \$1.50; 10 lbs., \$2.75; 25 lbs., \$6.75 f.o.b. Clarinda only

BIG 3 MIXTURE

Contains 60% Alfalfa and Red Clover

This splendid seeding is similar to the famous 5 Way Mixture that is heavier percentage of clover. We have another mixture that does not contain the alfalfa; the Lot Just-Rite described below. This Big 3 with its extremely high clover percentage is really a wonderful value.

The addition of some timothy to a grass and clover seeding is a big help in many ways. It makes a better sod than just clovers alone so if you sow it on hills where you have soil erosion trouble, it controls it more effectively than just straight clover. It also seems that the sod which is formed by the grass reduces the danger of heaving plants out of the soil in the spring. That sometimes happens with straight clover or alfalfa seedings. The timothy also helps to make the clovers grow more erect. The clovers and the alfalfa on the other hand will also help the timothy. They feed it with nitrogen so that it can grow taller and at the same time it increases the feeding value of the timothy.

These ready mixtures save you the trouble of making a mixture and we can, as a rule, give you greater values. The reason is that we buy lots of seed that are grown mixed at a discount. We take these natural mixtures and then add clover or alfalfa to it so as to make this combination which has proven to be such a very heavy producer. We suggest sowing around 10 pounds to the acre; some sow eight. This is Item 102.

\$29.50 per 100 lbs., Streator

\$29.75 f.o.b. Marion, Ohio

\$29⁰⁰
100 Lbs.

F.O.B. Clarinda, Ia.

BASIC NO. 1

PERMANENT PASTURE MIXTURE

This is a splendid seeding. It has produced excellent results. The yields are heavy. It provides a lot of pasture. While it contains 35% legumes the 65% grasses drastically reduce any danger of bloat. In this mixture you get a variety of seed. The livestock seem to appreciate that. Different crops have somewhat different growing periods so that it prolongs the pasture period for more days. That in turn means more pounds of gain per acre and that's what makes profit.

In preparing Basic No. 1 we have selected a combination that should last for a good many years. There is some Rye Grass in it which is not permanent but that is for the purpose of providing an early top growth. Approximately 90% of the crops are more permanent. You should find it good feed for both cattle or hogs.

This mixture contains approximately 25% Brome Grass, 25% Alta Fescue, 10% Orchard Grass, 5% Rye Grass, 25% Alfalfa, 5% Broadleaf Birdsfoot Trefoil and 5% Ladino. This is in no sense a cheap mixture but a top quality combination. It is thoroughly re-cleaned seed put together with our special mixers. It is Gro-Coated of course, so you can have the best possible assurance of getting satisfactory results. Item 107.

\$29.00 per 100 lbs., Streator

\$29.25 per 100 lbs., Marion, Ohio

\$28⁵⁰
100 Lbs.

F.O.B. Clarinda, Ia.

LOT

JUST-RITE

Red Clover, Alsike Clover, Ladino and Timothy — Contains 50% Clover

This combination is similar to the 5 Way Mixture that is described above only it does not contain Alfalfa. These mixtures containing Timothy are again attaining very wide popularity. The Timothy is one of the easiest grasses to establish. It is not so particular about soil conditions, doesn't have to have rich soil. It is a first class crop in helping to keep the clovers from spreading over the ground. It aids in soil erosion control. The clovers of course build up the soil fertility and increase the protein content of the feed. This Lot Just-Rite when sown at as little as 7 pounds to the acre will

give you over 25 clover seeds per square foot plus the grass. It makes an economical seeding and you have double assurance of getting a good stand. If either the Red Clover or Alsike should fail there is still enough clover of the others to make a good stand. Should you run into wet conditions the alsike will perform and it also grows on soils that are more acid than red clover will tolerate. The percentage of ladino is not large but it adds to the value of the seeding and to the value of the crop. The seed that you obtain in Lot Just-Rite is all hardy re-cleaned stock and our Just-Rite Mixture is one that has been pleasing our customers for years. See Item 103 on price list for Gro-Coated seed.

\$27⁰⁰
100 Lbs.

F.O.B. Clarinda, Ia.

\$27.50 Streator; \$27.75 Marion

GRASSES



MEADOW FESCUE

The Fescue grasses are grasses that have been growing for a long time through this country. The Meadow Fescue is not as big a growing one as the varieties that are listed below. However, it is used to quite an extent throughout a goodly part of the corn belt. It can be used in lawn grasses. It is ideal for playgrounds and other areas that are subject to unusually heavy wear. It is especially good when it is mixed with other grasses and legumes. It isn't a grass that requires a lot of pampering, but will stand a lot of unfavorable conditions. It does not form a very heavy sod and, therefore, mixes well with other grasses. Neither does it make a bunchy grass like Orchard Grass. The leaves are bright green and remain so throughout most of the growing season. This fescue makes a very luxurious late fall pasture and stays green until hard freezing weather. It will stand heavy grazing. Can be used as a hay crop. Sow about 20 lbs. to the acre alone or mix it in with other grasses in whatever proportion you may like.

SOLD OUT

Canadian BROME

We sell both Canadian Brome and Lincoln which is described below. We consider that the Canadian Brome has much in its favor even though it is not as fast a grower as the Southern or Lincoln Brome. Some of you may have had experience with Brome before. You know that a stand of straight Brome consumes a lot of nitrogen from the soil and does not leave the soil in too good a condition. It is a wonderful grass, very palatable, very drought resistant and a crop of great value. Those that have had experience with brome recognize that it is necessary either to keep a legume crop growing with it, such as Alfalfa and Red Clover or both or to use considerable amount of nitrogen fertilizer. This is even more true of the Lincoln than it is of the Northern or Canadian because the latter is not so aggressive.

Since it is not so aggressive it does not crowd out Alfalfa or Red Clover or any other legume that you might sow with it quite so readily. Therefore, a balance between the grass and the legume can often be more successfully maintained with the Canadian. This variety of course, has extremely high resistance to cold as well as to drought and it is extensively used in sections further south even though the Lincoln will make the faster growth there. The quality of our Canadian seed is extra nice even better than the Southern. It is good heavy weight stock for Brome Grass. It is the kind of seed that gives you extra assurance of satisfactory results, because it is heavy in quality and also Gro-Coated. There is no grass we know of that is more nutritious or more palatable than Brome and we believe you will like very much our Canadian No. 1 stock.

\$19.00 100 lbs. f.o.b. Clarinda and Streator, Ill.

\$19.50 f.o.b. Marion, Ohio.

Lincoln BROME Grass

This is a leading strain of Southern Brome and it is one of the most vigorous and the tallest growing of the different types of Brome Grass. It starts off faster and stands hotter weather than the Northern or Canadian. It also is very winter-hardy, amply sufficient so that it can be grown farther north. It will maintain its productiveness and feeding value very well if you keep sufficient legumes with it or use commercial fertilizer with fairly high nitrogen content. It is more competitive to legumes that you sow with it as explained above. We do have a very satisfactory quality of the Lincoln Brome for you. It is Gro-Coated, of course, and the shipment is guaranteed to please you in every respect. Whether you decide to use the Canadian or the Lincoln, we can take good care of your order on Brome Grass and will appreciate the privilege of serving you.

\$26.00 100 lbs. f.o.b. Clarinda; \$26.50 Streator, Ill.

\$26.75 100 lbs. f.o.b. Marion, Ohio

Tall FESCUE Grasses

Certified 144 Fescue

The tall fescues are described on the bottom half of this page, all have similar growing habits. This 144 Fescue is somewhat different, however, from the others. The leaves are darker green and they are softer and smoother. They remain palatable for a longer period. Livestock likes this lush green growth, even as it gets older it still retains the softer texture of the other tall fescues. You can readily see why there is such a tremendous demand for this grass. It has very long growing season. Where the winters are not too severe it will stay on the job the year around. It is even deeper rooted than the regular Alta or Kentucky 31 Fescue. This permits the plant to use deep soil moisture throughout the summer. It will thrive on most any soil excepting light land. It will stand a lot of overflow and quite wet conditions. It has also proven itself to be a grass that has good drought resisting properties. It has the same heavy root system of the regular Alta Fescue. That adds a lot of humus to the soil.

The Finest Certified Seed

Last year we couldn't keep up with the demand on 144 Fescue, but we have arranged for a good supply of seed and we hope to be able to take care of our trade throughout the season. However, don't put it off, buy it now. You can't buy any finer quality and the price on it is right. It's Gro-Coated stock.

**Price small lots: 5 lbs., \$2.50; 10 lbs., \$4.75, not postpaid;
\$24.50 cwt. Clarinda; \$25.00 cwt. Streator, Ill.
\$25.25 Marion, Ohio.**

Kentucky 31 Fescue

The Kentucky 31 Fescue can hardly be distinguished from the other Alta Fescues. It is considered by some a separate strain, but really we have never been able to find any difference between them and there are very few agricultural authorities that will claim to be able to tell the difference. The description that applies to the other Alta Fescues therefore, will apply to Kentucky 31 as well. We have a report from a Missouri authority which states that the 1953 drought killed 75% of the Timothy and 90% of the Lespedeza, but that this tall Fescue stayed green and they strongly recommend its use. You should bear in mind that it will stand more heat than Brome Grass and that is one reason why it may prove to be a more profitable crop for you. As reported in our general catalog, one of our men grew some of this Fescue with Alfalfa and Red Clover and it was a field that farmers drove for miles around to see. When they saw it they decided that they wanted it. This was on hill land, sowed in 1949 on 5 acres, he had 35 head of hogs all summer. It grew so fast that he had to cut it for hay and took off 150 bales of hay and then put the hogs back on again and they stayed there until October. On the 10th of October they still had a dense growth of grass although it had been frosted. None of these Fescues do become poisonous at any time so you can pasture them safely any time that you wish.

\$20.50 cwt. Clarinda, Streator or Marion, Ohio

Non-Certified Alta Fescue Priced Low—A Splendid Value

Alta Fescue is an improved strain of Tall Fescue. It grows much taller and has more dark green leaves at the base than Meadow Fescue. These leaves are broader. This plant has a very long growing season. It is not as winter hardy as Brome Grass, but it is being used every year farther and farther north as farmers have seen its productiveness on other farms. Among the outstanding qualities of this grass are the high yields, the palatable forage and long growing season. The deep rooting system that allows the plant to utilize the deep sub-soil moisture for green growth throughout the summer. It is generally adapted where you have 15 inches or more of moisture. Of course, a little more moisture than that will produce better yields. It prefers fertile, moist and rather heavy soil, but will thrive on many types excepting those that are extremely light. On heavy soils the roots are able to penetrate dense sub-soils. It will also stand poorly drained conditions, and survives standing water for a long period. It is a grass that certainly is worthy of a trial over a wide area, and we urge you to try some of our Fescue grasses on your farm and see what it will do for you. Mix some Red Clover and Alfalfa with it and watch it go to town.

**The price: \$20.50 100 lbs., Clarinda; \$21.00 f.o.b. Streator, Ill.;
\$21.25 Marion, Ohio.**

State Certified ALTA

The Certified seed, of course, is produced under State supervision which means that the original seed is checked before seeding. The fields are inspected while the crop is growing and the seed is harvested, cleaned and tested under state supervision and has the state test on it. Naturally it costs more to do all of these things, and that is why the Certified seed sells for more money. Some like to have the Certified seed, others do not care to pay the difference in cost, so we have both. Of course, we make it a point to see that all of our seed is of good character and quality and we can assure you of a good value for your money in any of these lots. This crop is utilized to very good advantage for hay, but probably it is even better as a pasture crop because it has so many leaves at the base. Alfalfa, Ladino, Alsike, Trefoil, Red Clover, all make very good companion crops with this Fescue. By having grass in with your legumes you reduce the danger of bloat. The legumes help to increase the feeding value as well as the yield of the grass so that it really makes a very splendid combination. To the extreme north the Brome Grass would no doubt be a better selection because it is more winter hardy. It has done a splendid job down here and we believe it can grow through the State of Iowa and other areas having similar climatic conditions. If you wish the Alta Fescue at its very best, order the State Certified Alta, item No. 150.

**\$22.50 cwt. Clarinda; \$23.00 cwt. Streator, Ill.
\$23.25 Marion, Ohio.**

GRASSES

REED'S CANARY GRASS

This remarkable grass has shown a very wide adaptation. It was primarily considered as a wet land grass and it is indeed extremely well adapted to wet land. We have seen boggy areas transformed into fields that had a good sod in it that would support pasturing by all kinds of livestock. On the other hand it has also proven that when well established it can withstand a lot of drouth and even heat.

It is a very leafy grass that yields up to 3 to 5 tons of hay per acre in two cuttings. The second crop is leafier but not as tall. It has a high protein test for grasses, tests having shown about 9½% of the first cutting and 11¼ of the second. It is a long lasting grass and stands have been maintained for many many years. It grows over a very wide area. The entire northern half of the United States can produce it and we have good reports from the south on it, as far south as Oklahoma. It is probable that in the south the fall seeding might be desirable. Page 16 of our general catalog will give you quite a bit of detailed information regarding this grass and then we have a circular on it that is free for the asking. When once established Reed's Canary Grass starts growing early in the spring and stays on the job until late in the fall. Sow at least 8 pounds to the acre. We recommend that it be sown on a well-prepared seed bed. Sowing the seed and then rolling the ground is one of the best methods of getting a seeding of this kind established. It does like favorable moisture conditions to get started and once started, as explained, it will withstand a lot of drouth. It will also grow under standing water. We recommend this grass to you very highly if you are where you have ground that at times is wet and then again also may become rather dry. We have some very nice quality seed for you, it is Gro-Coated of course and very reasonably priced for seed of this quality.

Postpaid: 5 lbs., \$2.75; 10 lbs., \$5.25. Not postpaid: \$39.00 100 lbs., Clarinda; \$40.00 100 lbs., Streator, Ill.; \$40.25, Marion, Ohio.



MEADOW FOX TAIL

(Not to be confused with foxtail grass or foxtail millet.) Sensational grass for wet land, easier to start than Reed Canary. Widely adapted throughout the northern half of the United States.

This crop can turn thousands of unprofitable acres into wonderful producers of heavy seed crops. While it has been most widely used on swampy overflow land, its use is increasing on high and well drained soil of medium fertility. This grass is showing an adaptability far beyond the range of its previous uses.

This grass produces unusually palatable forage. It has heavier, darker green basal leaves than most grasses. The cattle and sheep will graze it in preference to practically all other grasses because both the stems and the leaves contain more sugar. It is about the earliest of all cultivated grasses to start growing in the spring. You cannot only grow it in wet land but it does well in the shade. It is winter hardy being grown up into Canada with excellent success. It has a long life, as well as a long grazing season. The seed head of this grass looks very much like Timothy. The seed however, is rather light and fluffy. We recommend spring seeding without a nurse crop. The seeds germinate quickly, and in this respect, it has a big advantage over Reed Canary Grass seed which is often very slow in starting. The seedling plants are not exceedingly strong so it is well to sow it on a clean seed bed. If you sow it alone around 12 to 14 pounds per acre should be used. Where you have a well prepared seed bed 6 or 7 pounds per acre are sufficient. If you put it in rows and cultivate between the rows as little as two pounds per acre may be used. The seed bed should be firm but the seed should not be covered very deeply. We strongly urge everyone of you to try some of this Meadow Foxtail grass. If you have any wet places by all means use it but experiment with it on your other soils even if only a few pounds. It has so many wonderful characteristics that we recommend it to you most strongly.

The price: 2 lbs., postpaid \$3.50; 5 lbs., postpaid \$7.75; 10 lbs., postpaid \$15.00. Not prepaid: 25 lbs. \$34.60; 50 lbs. \$69.10 f.o.b. Clarinda. F.O.B. Illinois and Ohio 1c per lb higher. Item No. 146.

\$138.00
100 lbs.

RYE GRASSES

Domestic

This is one of the very fastest growing of grasses that you can sow early in the spring. There are other grasses that will produce more, such as the Sudan Grass, but you cannot sow that until the ground is thoroughly warm, around corn planting time. This is a grass that you can sow real early in the spring. It helps to make a sod because it comes quickly and grows fast, so you have a nice green growth early in the season. It produces a turf very quickly. You can use it by itself. Generally it is used in a mixture and serves as a sort of a nurse crop to the other slower growing grasses that may be in with it. It is for this same reason that it is used frequently in lawn grass mixtures. This grass can be heavily productive if favorable soil and moisture conditions prevail. A normal yield for hay we would consider one to two tons per acre. This may be a grass that will help you solve a feeding problem. If you want it just by itself we would suggest that you use at least 30 lbs. to the acre. Sometimes 20 lbs. is enough. Use plenty of it, if you are going to depend on that for early pasture.

\$18.00 per 100 lbs., Clarinda; \$18.50 100 lbs., Streator, Illinois; \$18.75 Marion, Ohio.

Perennial

This is similar to the Domestic Rye Grass described above. It probably does not grow quite as fast but it lasts longer. It is not as long lived as some of the harder grasses like Brome or Blue Grass. It does start a very early spring growth. It is used very extensively in mixtures with other grasses to provide quicker growth and it is more winter hardy than Domestic Rye Grass which should be considered as an annual. This year may be one of the times when a grass like that Perennial Rye Grass will be just the thing you want. It can use a lot of water but it should not be considered as a wet land grass. It will grow about a foot to a foot and a half high. Sow around 20 to 25 lbs., to the acre or in mixtures 8 to 10 lbs., or in whatever proportions you think you would like. It is Gro-Coated.

Priced at \$22.00 per 100, Clarinda;
\$22.50 per 100, Streator; \$22.75, Marion, Ohio.

TIMOTHY

This old standby still is very much in the running. It is a very useful grass and one of the surest grasses to make a stand. Adapted to a very wide range of soils. It will grow on land that is quite poor as well as on fertile land. Timothy is being sown very extensively with legume seedlings of Clover, Alfalfa, Alsike and Ladino. It helps those crops to grow more erect, also if you have any erosion problems at all the Timothy helps to form a sod which is better than a straight legume crop to keep the soil from washing. It has also proven itself to be a very heavy yielding grass. Read page 17 of our General Catalog for more information.

In our experience we have found that the Gro-Coating of Timothy seed helps very materially in getting better stands, especially under unfavorable conditions. The market today is quite a bit stronger than it has been and supplies are not at all large. In fact some eastern houses have imported European Timothy. Our seed is all U. S. grown, practically all Iowa grown and fairly hardy. We carry this in two grades, the World Brand Grade, Item No. 79. This is our Extra Fancy Grade, 99¼ purity, high germination, bright plump berry and as fine a quality as you could wish for.

The price Gro-Coated: \$9.90 per bu., Clarinda, Ia., and Marion, Ohio.
\$10.15 per bu., Streator, Ill.

Our Choice or Planet Brand grade and a very good serviceable seed. The price is lower and the value is excellent. It's Gro-Coated too. \$9.00 bushel Clarinda and Marion; \$9.30 bushel, Streator.

ORCHARD GRASS

If you have not grown Orchard Grass before we believe that you will thank us to get you started trying at least a little of it. There has been a tremendous increase in the demand for Orchard Grass during the past few years. Orchard grass is oftentimes better suited to the southern range of the timothy region than brome. In fact we recommend it there in preference to brome. It will tolerate more heat and will do better under lower fertility. Brome almost demands rich land. Of course Orchard Grass will flourish on rich soil but it will succeed on light soil of medium fertility and also on moist heavy land. Oftentimes it will do well where Kentucky Blue Grass is not successful.

You will find this one of the first grasses to start growing in the spring. While brome grass is more resistant to winter killing it cannot equal orchard grass in summer production of leafy pasture. If you want something to turn your stock in on early in the spring, keep your animals on it so they will pasture it down, you will find this to be a wonderful crop. It does not form a dense sod like brome. It's more of a bunch type of grass, therefore it is ideal for the sowing of Red Clover, or Ladino or Lespedeza or Alfalfa with it. If sown alone you should use at least 20 pounds to the acre. When you use it in a mixture use from 12 to 14 pounds with the legume that you might want to sow with it. Learn what this crop can do for you because it really has a tremendous lot of merit.

You can buy 5 lbs. postpaid for \$2.25; 10 lbs. for \$4.25 and not postpaid; \$30.50 per hundred lbs., Clarinda; \$31.00 per hundred lbs., Streator, Ill., or Marion, Ohio.

Kentucky Blue Grass

We know you are all familiar with this grass that is used so extensively in pastures and in lawns. It makes a very splendid pasture crop. Of course there is perhaps more of it used in lawns than anywhere. Most people like to have some blue grass pasture. Due to drouth conditions in areas some of this grass has been killed out and many of you want to make a re-seeding. You can do this by discing and harrowing, working it down, then sowing the seed and rolling it in. On lawns, of course, you can rake the ground thoroughly and sow it and then rake it again if possible, providing the land is not too soft.

The seed supplies of Kentucky Blue Grass this year are the shortest they have been in the history of the crop. We cannot recall that the supplies have ever been so short or the prices ranging so high. So when you buy this high priced seed you want to make sure that it is Gro-Coated and that is what we are offering you.

The price postpaid is one lb., \$2.10; 5 lbs., \$9.75; 10 lbs., \$19.00. Not prepaid for best quality Gro-Coated, \$180.00 per hundred, Clarinda; \$181.00 Streator, Ill., or Marion, Ohio.

RED TOP

This grass will grow under a greater variety of conditions than any other grass that we know of. It will grow on soils so poor in lime that other grasses will fail. It will stand a lot of wet soil conditions and wet weather. On the other hand it is very drouth resistant too. It is a grass that grows rapidly. Some use it as a nurse crop and it is used in combinations in lawn grass to provide a quick growth. It is not quite as fast growing as Rye Grass but otherwise it is considered one of the faster growing grasses. It is easy to get started and it helps to get quick pasture. You can use it to prevent soil erosion on water-ways.

This grass grows from Canada to the Gulf and from New York to California. It forms a turf quickly, it matures about the same time as timothy. Ten pounds per acre is an ample seeding. Some sow quite a little less than that. It is a very small fine seed, it will work its way into the soil quite well. It can be used as a top seeding on thin stands of hay or pasture land. Supplies of Red Top also are short and prices higher than usual but our value's excellent because our seed is all Gro-Coated Brand.

Price postpaid: 1 lb., \$1.25; 5 lbs., \$5.50; 10 lbs., \$10.00. Not prepaid, \$102.00 per 100 lbs., Clarinda; \$102.50 Streator, Ill.; \$103.00 Marion, Ohio.

OATS

NEW Gro-Coated TRADE MARK BRAND SEED OATS

The regular chemical treatment of oats is nothing new. Our regular Gro-Coat treatment that we use on grasses and clover seeds is not entirely suitable for seed oats, but we have now a special treatment giving us a combination of chemicals plus the root growth stimulant which we can now apply on the small grain. If you will read pages 1, 8, 9 and 16 of this circular, you will know the great value of Gro-Coated brand seed. Thousands of our customers already know what a tremendous difference it has made in their stands and the growth of their plants.

Therefore, we are very happy that we can now offer you seed grain also Gro-Coated which brings you this grain already to sow and treated with what we consider to be the very finest protection to make our oats give you greater assurance of better stands and larger yields.

Golden Beauty *Clinton Oats*

BERRY'S SPECIAL BRAND OF CLINTON OATS

We guarantee these oats to outyield any other Clinton seed stock. If our Golden Beauty brand does not outyield the others, we will refund you the difference between what you paid us for our oats and the cost of our ordinary non-certified Clintons.

We could not possibly afford to offer these oats on this basis if we did not know from past experience that they gave superior performance. We have done a lot of experimenting with seed oats. Three years ago we put part of our seed stock through a special grading process. Insofar as we know, no one has ever used this method in exactly the same manner or degree that we have used it. This process removes around 30% of the oats from the average seed that is harvested. This goes far beyond the requirements for cleaning and grading certified seed. The result, however, shows up in a very noticeable degree.

We sowed our Golden Beauty brand of Clinton Oats next to certified Clintons and they looked like a different variety of oats. The soil was the same but the Golden Beauty stood about six inches higher in the field. Many farmers have told us that our Golden Beauty brand of Clintons were the best oats that they had on their farm compared with any others.

The Clinton oats are well known for their strong straw and their ability to stand up even after the grain is dead ripe. They have proven themselves adapted to a wide range of soil conditions and they are highly disease resistant. They resist smut and most races of rust and then, of course, they are resistant to blight. We have yet to hear from a farmer who grew our Golden Beauty, who was not thoroughly pleased with it and found it highly profitable to grow.

This year good seed oats are scarce and there is a very heavy demand for oats. We could sell this Golden Beauty Brand without grading it so heavily but we know that our process helps you to get bigger yields. We eliminate the small weak and immature kernels, you get the largest grains that make big healthy, vigorous stands. Golden Beauty goes even further than certified requirements in grading. Shipment is guaranteed to please you.

The price f.o.b. Boone or Clarinda, Iowa, in 3 to 15 bushel lots, \$2.85 a bushel; 16 to 45 bushels, \$2.80; 46 to 99 bushels, \$2.75. Item 174.

Add 15c per bushel for shipment from Ohio or Illinois

MISSOURI-O-205

Very seldom have we seen a new seed variety introduced with as much favorable publicity as has been accorded Mo. O-205's. Mo. O-205's are a cross of Columbia x (Victoria x Richland). They are truly outstanding in their yielding ability and in their resistance to disease.

Originally Mo. O-205's were recommended for any area in which Columbia oats had been used. However, comparison tests over the entire oat belt on this particular variety has shown them to be outstanding in all tests.

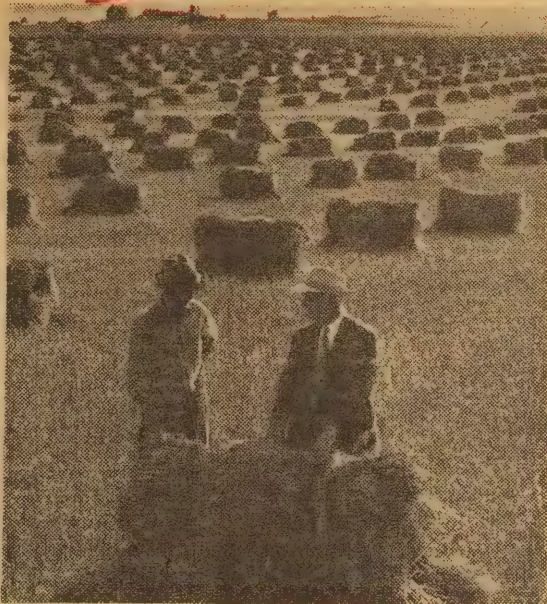
During the past season Mo. O-205's were the highest yielding variety in the U. S. Department of Agriculture nursery tests grown in thirteen states with an average of 66.4 bushel per acre as compared with 62.5 bushel per acre on Andrews, 53.9 bushel per acre on Clinton.

It has an extremely high yielding ability, a very heavy test weight, good stiff straw, resistance to most crown rust, stem rust, smut and Victoria blight, including the resistance to the new races of crown and stem rust which are now infesting Andrews, Clintons and other Bond crosses. In maturity it will be about the same as Clinton. Grain color of the Mo. O-205 is a gray white which it inherits from its Columbia heritage. Because of the threat of races 45 and 57 rust, however, we urge everyone to plant a portion of their acreage to Mo. O-205's.

We are pricing these oats to you very reasonably in comparison to what they are being sold for over the country. We know of many firms throughout the mid-west who are asking much more than our price.

We know that you will want a good portion of your acreage planted to this variety and we urge you to send us your order at once so we can reserve the seed for you. Supplies are very limited. When they are exhausted there just won't be any more available until next year. The Mo. O-205's will not be of our own processing, but we have contracted them from one of the best oat growers in America and will guarantee the quality to be unequalled on this variety. Item No. 165.

Prices f.o.b. Clarinda or Boone, Ia.: 3 to 15 bu., \$2.85 bu.; 16 to 45 bu., \$2.80 bu.; 46 to 99 bu., \$2.75 bu. 15c per bu. higher f.o.b. Streator, Ill., and Marion, Ohio.



Extra Heavy Grade

You Get Only the Meaty Kernels

Most seed oats are cleaned over clipper mills. They screen out some oats and blow out chaff. That's all right as far as it goes but it doesn't go far enough. There are still kernels of light weight that have to be taken out to make top quality. That requires a different machine. Short kernels should come out. That takes a still different machine. Our seed oats go through all these processes. That shrinks the original seed severely but it produces a quality that is truly tops. Such seed proves its superiority in the fields. These big heavy kernels make strong vigorous plants. Such plants can yield more grain. That adds up to extra profits for you. There is real economy in seed of this character.

ANDREW New High Yielding Oats

Andrew was developed in Minnesota and is a cross of Bond and Rainbow having the same disease resistance as most other Bond derivatives. The Andrew generally heads out about a week earlier than the Clinton however, it matures rather slowly and is usually ready for harvest at about the same time. The kernel is white colored and the straw grows one or two inches taller. Yields have been consistently high on the Andrew. In a two-year test at the State Experiment Station at Urbana, Illinois, Andrew outyielded all others, with the exception of one experimental variety. The average yield of Andrew was 84.9 bushels per acre.

This oat has sometimes been known as the old workhorse of Oats throughout Missouri and Southern Iowa, and they are adapted to a much wider area as explained, it is of Minnesota Origin, but because of its earliness, they like it farther south. It gets out of the way of hot weather that is oftentimes damaging. In one test reported to us, it yielded 65 bushels to the acre, compared to other varieties 30 to 32 bushels. This indicates its splendid quality. For a good all around variety, the Andrew is an excellent variety to choose.

We consider it as one of the best varieties for central and northern Illinois and other areas of similar conditions. Certified seed is available in larger quantities this year than last and we urge you to try this outstanding new Oat. Growers who produced Andrews the last two years are enthusiastic and most seem to be of the opinion that it is better than Clinton in yielding ability. Item No. 173.

Prices f.o.b. Clarinda and Boone, Ia.: 3 to 15 bu., \$2.50 bu.; 16 to 45 bu., \$2.45 bu.; 46 to 99 bu., \$2.40 bu. Ohio or Illinois prices 5c per bu. higher.

CERTIFIED BONHAM

This variety of oats resembles the Cherokee very much. It is also a D-69 by Bond cross. However, the straw grows about 2 inches taller. It has about the same maturity, the same disease resistance and yielding ability as the Cherokee. It is preferred by quite a few farmers, however, because it has a little taller straw. This is especially an advantage on thinner type of land. The straw head of course, will vary somewhat as to the fertility of the soil.

The original cross of this variety was made in Iowa, but the strain was named and distributed by the Michigan experiment station. The heavy meaty kernels of the Bonham certainly appeal to all oat growers. With a little taller straw and a very heavy grain, it is a variety that has a wide appeal. We have grown these oats ourselves and have supervised them from planting time until they got the Gro-Coat protection and put them in the bags. That means this seed went through 5 distinct separate cleaning and grading and treating operations, whereas most oats go through only one. We have some splendid seed for you and we will be most happy to receive your order and to supply you with seed that we are confident will give you a very high degree of satisfaction.

Prices f.o.b. all points, including Boone, Ia.: 3 to 15 bushels, \$2.95 per bushel; 16 to 45 bushels, \$2.90 per bushel.

CHEROKEE

One of the Very Best Early Oats

This variety is also known as Ames No. 2. It has the same parentage as the Clinton Oat D69 X Bond, but it is a different selection. It has the highest resistance of any oat with which we are familiar against race 45 and crown rust. The regular Clinton is resistant to most crown rust with the exception of races 8 and 45. The race 45 has been coming into some sections causing some difficulty. It is there that the Cherokee will be very distinctly superior. The grain has an ivory color with sometimes a pinkish tinge. The kernels are very plump and compact. It makes one of the nicest looking grains from the standpoint of quality that is grown in the spring oat section. They mature a little bit earlier than the Clinton, therefore they are very much liked in the southern part of the spring oat section. Kansas especially likes the Cherokee very much. Frequently further north oat yields are sometimes reduced rather drastically because of hot weather coming a few days too early so that the grain does not fill. We therefore consider the Cherokee one of the best all around oats that can be grown year in and year out throughout the spring grain section, even in states quite well to the north of us.

We are making a specialty of these Cherokee Oats, giving them a very heavy grading or Blue Seal Process grading described on page 12. It makes a truly wonderful product and you will be indeed proud of the seed that you will receive from us when you buy these Cherokee Oats. Big, plump, heavy, meaty kernels, thoroughly reselected, the kind of stock that will give you the best assurance of satisfaction. Blue Seal Processed Non Certified Seed. Item No. 171.

Price f.o.b. Boone, Iowa, or Clarinda: 3 to 15 bushels, \$2.30 per bu.; 16 to 45 bushels, \$2.25; 46 to 99, \$2.20; 100 bushels or more, \$2.15 per bushel.
F.O.B. Streator, Ill., 20c per bu. less. F.O.B. Marion, Ohio, 10c per bu. less.

CLINTON

Special
Selections
"Certified"

CERTIFIED CLINTON 11 NO. 25

They proved to be superior to the original Clinton but it was thought that even this could be improved upon so Dr. O. O. Bonnett of the Illinois Experiment Station made some selections out of the No. 11 and this selection 25 was found to be the best. It is very similar to the Clinton No. 11 except that in selection 25 we have a purer type of seed stock. Also there is greater uniformity. We are very proud that we can offer you this variety of oats at this time. Good seed oats are scarce throughout most areas in this country. It would be a mistake to sow the oats that have been harvested on many farms. They should be used for feed. You will be money ahead by buying improved seed stock. You will not alone get good return on your investment but the extra cost of sowing these better seed oats will come to you many times over. Our stock of the Clinton No. 11 selection 25 of course is State Certified and also Blue Seal process.

Price f.o.b. Streator, Ill., and Marion, Ohio: 3 to 15 bu., \$2.20 per bu.; 16 to 45 bu., \$2.15 per bu.; over 45 bu., \$2.10 bu.

CERTIFIED NO. 59

This is also a reselection out of the original Clinton. This was selected by the Experiment Station of the State of Indiana. Like the others it was selected because it had better uniformity, more even ripening period and retaining all the other fine characteristics of this wonderful oat. This too, we have for you in the state certified stock, all Blue Seal Process, which means extra high quality plus treatment with Ceresan M.

Price f.o.b. Streator, Ill., and Marion, Ohio: 3 to 15 bu., \$2.25 per bu.; 16-45 bu., \$2.20; over 45 bu., \$2.15 bu.

CERTIFIED IOWA RESELECT CLINTON

The Iowa Experiment Station also has made a reselection from the Clinton. While naturally we are a little partial to Iowa there is actually not a great deal of difference between the three here listed. They are all superior to the original Clinton and splendid varieties. These were grown near Boone, Iowa, and processed there. They are much heavier than the average certified seed.

Price f.o.b. Boone, Iowa, only: 3 to 15 bu., \$2.40 bu.; 10 to 45 bu. or more \$2.35 per bu.

New Sensational NEMAHA OATS

Extra Heavy Nemaha

This variety of Oats was developed just a few years ago. This is a selection of a cross of different varieties, Victoria - Richland X Morota - Bond. The experiment departments of three states, Iowa, Nebraska and Kansas, worked with the U.S. Department of Agriculture in developing this great variety. It is in many respects similar to the Cherokee. The grains have about the same color, generally pink ivory. There are very few awns on it and it has about the same height of straw and the same lodging resistance. Both are considered early oats. The Nemaha has shown maturity two to five days earlier than the Clinton. This can be a very important factor in some years when hot weather comes early.

The Nemaha oat is resistant to helminthosporium blight and to most races of rust. The yields are very high. The kernels are plump and high testing. The hulls are thin. It has a high feeding value. It produces a heavy straw that resists lodging. This oat is adapted to a wide area. Because of its early maturity it can go quite far west and south. The same early maturity is often a desirable feature farther north.

This extra heavy Nemaha seed stock that we have for you has been produced by giving the seed as produced a very heavy grading. We have taken out more than was necessary to make even certified stock. This stock has not been certified like the Reselect strain offered in the opposite column but you will find it splendid seed. It has our special oat Gro-Coated protection and will do a splendid job for you.

Price: 3 to 15 bu., \$2.30 per bu.; 16 to 45 bu., \$2.25 per bu., and 46 to 99 bu., \$2.20 per bu., f.o.b. Clarinda or Boone. 10c bu. higher f.o.b. Streator and Marion.

Certified Reselect Nemaha

The original Nemaha seed oats that were first released are an excellent variety of oats and they are giving splendid satisfaction. It did develop however, that there were some plants in the strain that showed different characteristics than other plants. This was considered, by many, as typical of the variety and that it normally would show some of this variation.

There has been work done however, in making a reselection of these Nemahas which has eliminated practically all of this off type. As a result therefore, more states are certifying this variety now than did so in the past. It therefore, becomes possible for us to offer you the Reselect Nemaha as certified seed. When you buy the Reselect Certified Nemahas therefore, you not only have the assurance of the top quality but also of the purified strain.

The grain itself, is like the original Nemaha, heavy in weight, ivory colored, very plump and meaty. The high yielding qualities, plus its heavy straw, fine feeding value combine to make it a highly desirable variety to select for your farm. We would be glad to send you a sample of this variety of oats because we are confident that when you lay your eyes on it you will be delighted with what you see and that you will want this kind of stock on your farm. It is of course Blue Tag quality State Certified. Your money can't buy anything nicer than this. With corn acreages cut and substitute crop like beans in all probability prohibited, there will be a tremendous demand for oats. Don't delay your orders for oats, get them rolling just as quickly as you possibly can. Such quality may not be obtainable, even at higher prices.

Price: 3 to 15 bu., \$2.75 per bu.; 16 to 45 bu., \$2.70 per bu., and 46 to 99 bu., \$2.65 per bu., f.o.b. Clarinda or Boone. 15c bu. higher f.o.b. Streator and Marion.

SPRING SPELTZ

This is a very nutritious grain. It is highly resistant against most races of rust and practically immune to smut. It is one of the most drouth resistant of all the spring grains. The value is especially important under drouth conditions, although it is adapted throughout the spring grain section of the United States. It is a crop that matures early, can be thrashed or combined like Oats. The seed is sold on the basis of 40 pounds to the bushel. It makes an excellent nurse crop for the seedlings of grass and clover, because of its strong straw. The grains are quite broad, in fact there are two grains in a shuck, and they have some resemblance to soft Rye when they are shucked out. Both the shuck and the grain is very nutritious. It makes a wonderful ground feed. There will be quite a demand for all kinds of spring grains this season, and we know that this disease resistant Spring Speltz will be the selection of many of our customers. Item No. 202.

This seed is not Gro-Coated.

The price: 1 to 14 bushels, \$3.25 bu.; over 14 bu., \$3.20 bu. 10 bu. higher f.o.b. Streator; 20c bu. higher f.o.b. Marion.

BARLEY

KINDRED OR "L" BARLEY

A six rowed, rough awned variety, highly recommended for most areas. It is medium early, resistant to stem rust. It's a very fine malting Barley and about equal in yielding ability to other varieties. Moderately resistant to bacterial blade blight and root rots, recommended for Iowa and other sections having similar conditions. See Item 191 price list page 9.

MONTCALM BARLEY

A six rowed, smooth awned spring barley. Fairly tall, erect growth, medium maturity. It is an accepted malting variety of Barley. This variety has been good in central and southern Iowa and has outyielded many top varieties. See page 10 of our catalog for further description and Item No. 190 on price list.

MOORE BARLEY

A high yielding stiff strawed variety of hybrid origin. Has relatively thin hulls. The straw stands up exceptionally well. It is not so acceptable as a malting variety but still a good feeding variety. See catalog for further description, and Item 192 on price list for quotations.

HENRY SPRING WHEAT

The heaviest yielding variety in a wide section. It is an excellent feeding wheat. Does not make a high quality flour. If you want a good feeding variety order Henry.

Tall, medium stiff straw. A bearded grain, medium late maturity. This is a big seller.

Price: 1-14 bu., \$4.15 bu.; over 14 bu., \$4.10 bu. f.o.b. Clarinda and Streator. 20c bu. higher f.o.b. Marion.

LEE SPRING WHEAT

This has fine milling qualities. Has splendid yielding ability. Has resistance to leaf rust. In our opinion this is one of the most profitable of the milling type spring wheat varieties. Considering its wide adaptability we don't believe it is excelled. For best success with Spring Wheat sow early and use 1½ to 1¾ bushel per acre.

Price: 1 to 14 bu., \$4.00 bu.; over 14 bu., \$3.95 bu. f.o.b. Clarinda. 15c bu. higher f.o.b. Streator, Ill.; 25c bu. higher f.o.b. Marion, Ohio.

HIGH QUALITY SOYBEAN SEED

HAWKEYE

CERTIFIED AND NON-CERTIFIED

This is a great bean for all areas having conditions similar to the northern half of Iowa and the southern portion of Minnesota. Even farther south in southern Iowa, farmers are using a lot of Hawkeyes because they want to get their bean crop off the land early. The Hawkeyes are much stronger stemmed than the Earliana and have a taller straw than the Richland. This variety has many three seeded pods instead of two as in most early beans. They have a very high oil content. The seed yields will run four to six bushels per acre more than the old early varieties. We strongly recommend these Hawkeyes. For the areas described you will find them outstanding. See page 8 for prices. Soybeans are not Gro-Coated. Item 184 and 185.



ADAMS

CERTIFIED AND NON-CERTIFIED

This is a great new bean, adapted to about the same area where the Lincoln is most commonly grown, in central and southern Iowa. In a good many tests it has shown superiority over the Lincoln, although not by a large measure. It averages about a bushel and a half better yield per acre, and one to two days earlier. They contain a little more oil, and are indeed a wonderful variety. The plants bear white blossoms, the pods are mostly three seeded. The Adams, like the Lincolns, are being used farther south where early maturity or late planting is desired. We have beautiful quality seed for you. On all shipments, we guarantee safe arrival and satisfactory quality. See page 9 of this circular for prices on all Soybeans. Item No. 180 and 180C.

LINCOLN

CERTIFIED AND NON-CERTIFIED

The Lincoln is a bean that is adapted to the southern one-half to one-third of Iowa, and it can go on farther south into Missouri, Kansas, etc. It matures about like the old Illini and Dunfield, but it yields 20 to 30 per cent more. In Iowa tests on the northern, central and southern parts of Iowa, Lincoln has shown up exceptionally well, the Adams being about the only bean in its maturity class that is equal to it, perhaps slightly superior. In Indiana, the Lincolns average 10 and two-tenths bushel more than the Dunfield and Illini. In Ohio, a five year average test, also in Illinois and Nebraska, they average about 22 per cent more in yield, and in a combined test of Iowa, Illinois, Ohio, Indiana and Missouri, Wisconsin, Michigan, and Virginia the Lincolns yielded 18 and six-tenths per cent more. This bean oftentimes grows farther south because you like to have a bean that matures earlier, but can be planted later. Certified and Non-Certified. Items No. 181-182.

BLACK HAY BEANS

Soybeans will make hay and their feeding value is somewhat similar to that of Alfalfa, they run high in protein. There are some who like to use the ordinary varieties like Lincolns and Adams for hay. They have the advantage that they stand up erect. However, they are also heavier stemmed. This variety is fine stemmed and therefore makes a better quality of hay. They are smaller seeded, and the seed is black. You should use at least a bushel to the acre, you can use as much as a bushel and a half. Of course that means a heavier seeding than with other Soybeans because the beans are smaller. However, you want a thicker stand because they are not as strong stemmed, therefore a thick stand will help to keep the crop erect. These beans are sometimes grown with Sudan grass and there are some who put them in corn at the time of last cultivation. We would recommend a bushel and a quarter to a bushel and a half to the acre as really the best seeding to make. We have these beans in storage at St. Louis and can ship direct from there. Please refer to page 9 of this circular for prices on all Soybeans. Item No. 188.

BLACKHAWK

CERTIFIED AND NON-CERTIFIED

This Blackhawk is the finest bean that we know of for areas like northern Iowa, southern Michigan, Minnesota and sections having similar climatic conditions. They have out yielded the Harbaro, Earlyana and will stand up better than either one of these. The maturity date is about the same. The main difference between Blackhawk and Hawkeye is the maturity. Blackhawks mature about a week earlier than the Hawkeye, and two weeks earlier than Lincoln. This bean rates extremely high in favor through the same areas above reported. Michigan reports it bears its pods high above the ground, is easy to combine, stands up well, and there is less cracking and splitting of the bean. Pods are two to three seeded. We especially recommend these as a main crop variety for northern Iowa and similar conditions. They are also being planted much farther south where farmers want to get the crop off the land early in time for wheat and want a real early maturing bean. Item 183, 183C.

Sweet and Common Sudan Grass

SWEET SUDAN GRASS

This is the regular Sudan crossed with Leota Sorghum. This gives it higher resistance to diseases and it has higher palatability. It is sweeter to the taste. That is why cattle relish it so much. When two crops are grown side by side the cattle eat the Sweet Sudan almost to the ground while just nibbling at the Common. Sweet Sudan makes a taller growth and has broader leaves than Regular Sudan. It is a little later in maturity. It will carry a large amount of stock per acre as a pasture. Pasture it after it gets around 10 inches high until frost. See page 12 of our catalog for further information. Item No. 231.

\$12.80 Streator, Ill.; \$13.00 Marion, Ohio

\$12⁵⁰

100 Lbs.
Clarinda

PIPER SUDAN

This variety of Sudan Grass is highly popular throughout our area. It was developed in Wisconsin and many rate it a great favorite. Excellent results also have been obtained in Minnesota, Nebraska, New York, Pennsylvania, Illinois and other states. It is quite a new variety, just been on the market in a commercial way for a couple of years. We are very glad to be able to have some of this Sudan Grass for you. It is a variety that resists foliage diseases better than common Sudan. It also stays green longer. The yields of forage and seed have been very heavy. This variety is lower in its prussic acid content and seems generally better adapted to the cooler climates. It has strong seedling vigor, good recovery after grazing and is satisfactory to livestock from the standpoint of palatability. See Item 229 on Price List, page 8.

REGULAR SUDAN

The Sweet Sudan described above has to a large extent taken the place of the non sweet type. We find however that some farmers prefer the latter so we have secured some of this seed for you. This is the kind that has been used for years and years. A fast grower and a heavy producer. Makes 2 or 3 cuttings in a year.

Price: \$11.50 100 lbs. f.o.b. Clarinda; \$11.80 f.o.b. Streator, Illinois; \$12.00 Marion, Ohio.

ATLAS SORGO

This is like Hegari but grows taller. has yielded up to 18.7 tons of fodder per acre. In dry seasons it has outyielded corn and grain by 3 to 1. It is used extensively for grain in the West and from Iowa on East as a fodder crop. It is juicy and sweet and very palatable to live stock. It is an extremely nutritious feed. It appears highly resistant against grasshopper damage and makes excellent ensilage. See page 14 of our general catalog for further description and page 9 of this circular for prices. Item No. 220.

NORGHUM

One of the combine types of grain sorghums. One of the newest, the earliest, and the best. It is very strong stalk, stands up well, and yields of grain have been consistently high. Average maturity around 90 days depending upon location and conditions. There has been a very big demand for Norghum seed. This is the first year it is plentiful so that it ranges in price with the other combine grain sorghums. If you are looking for a good combine in sorghums be sure to plant some Norghum this year. See page 9 for prices on Gro-Coated seed. Item No. 219.

NORKAN

This crop resembles Atlas Sorgo in many ways but it is a lot earlier, 10 days to 2 weeks, which means it can be grown farther North. It is a cross of Atlas Sorgo and Sumac Cane. It is sweet stalked, very palatable and can be used either for grain or as a fodder crop. This crop is sometimes known as Early Atlas. You will find that it has excellent merit under a wide variety of conditions. See page 9 for prices on Gro-Coated seed. Item No. 221.

Gro-Coated Sudan Much Superior

I sowed your Gro-Coated Sweet Sudan Grass and ran out and used some non Gro-Coated Sweet Sudan Grass. The spring was exceptionally wet but still it seemed that the Gro-Coated seed all germinated satisfactorily. On the poor ground the Gro-Coated Sweet Sudan had a higher survival than the non Gro-Coated seed. Throughout I noticed a higher germination and the faster growth of the Gro-Coated Sudan until it was six inches high and then also a faster regrowth. I am sure that I want Gro-Coated seed in the future.—Robert Guehler, Somonauk, Ill., Rt. 1.

Treatments Increase Yields

Our Oat yields are greatly increased by using Ceresan treatment. It is common practice to treat corn. Your Gro-Coating is the first successful treatment for other seeds. It's just what we have been looking for. Everyone sows many times the required amount with the hopes that a fraction of them will grow and live to a producing age.—Dean Schreiber, Revere, Mo.

Never Saw Anything Like It

I sowed Gro-Coated seed this year and it is the first time I ever got a good stand all over the field, it was so thick every seed must have come up. I am sure I could have used less seed per acre and had a good stand. If you improve the growth any more than you now have, I won't be able to find my sheep. It is growing above their backs now. This was a mixture of grass and clover seed. I never saw anything like it before.—Leander Lewis, Alvin, Ill.

MILLETS

When you are needing a crop that will mature in a short season, something that you may use for hay or for grain, you will find Millet to be a good selection. They are used when the floods require a crop that will mature within a short time. Some plant Millet after an early crop of potatoes and get two crops off the ground in one season. Millets will make a good hay production if you plant the Golden. If you want them for hay, cut around the time that it is in bloom or shortly after. For seed the crop should be allowed to mature. The Proso millet is the larger seeded variety of Millet and is grown principally for the grain. The seeds of Millets of different kinds including the Proso are very widely used as Poultry feed. Ask us any special questions you may have on any of these crops. See page 9 of this circular for prices on the different varieties. We have nice supplies of Millet and can take care of your order. Items No. 225 and 227 on Price List.

MIDLAND COMBINE MILO

Matures in About 90-95 Days

A low growing grain sorghum that can normally be harvested with a combine. Feeding value of the grain is quite close to corn. It is an extremely drought resistant grain. The Norghum described above is still earlier. See pages 14 and 15 of our general catalog for description of other similar crops. See Item 222 on price list for quotations.

CANE

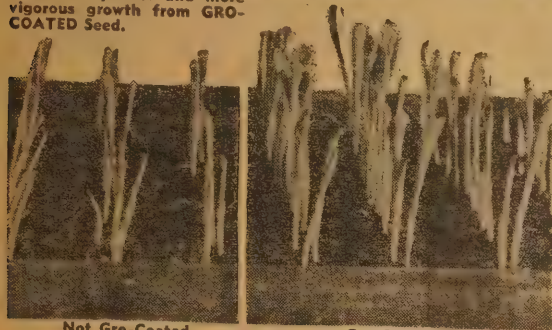
Cane is a sweet stalked crop rich in sugar and fat. It produces up to 10 & 15 tons of excellent green feed per acre. It can be drilled in close rows at 75 to 100 lbs. per acre and 10 to 20 lbs. when drilled with planter. See page 15 of our general catalog for a more complete description, and also for Molasses Cane. See page 9 for prices on Gro-Coated Seed. See Items No. 214, 215, 216. We have some fine Cane seed for you.

BERRY'S GRO-COATED HYBRIDS

BRAND

BRINGS EXTRA PROFITS TO FARMERS

Note the quicker and more vigorous growth from GRO-COATED Seed.



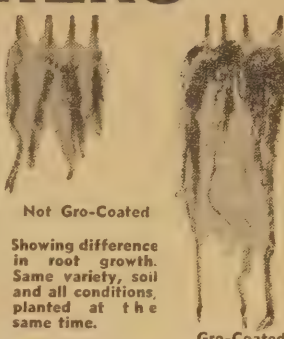
Not Gro-Coated

Gro-Coated

The principal reason why our Hybrid corn is giving such wonderful satisfaction is because it has the right blood lines in it. Our goal is always Hybrids that will yield better, stand up better, have greater resistance to disease, as well as corn borer, maximum depth of grain, highest feeding value, big roots, strong stalks and all of these characteristics that make for the most profitable kind of corn to produce. You will find these characteristics in the different varieties of corn that we have in the various maturity dates. Select maturity dates that meets your requirements and you will have a wonderful variety of corn to grow.

It is one thing to have good blood lines and another to see that those lines have an opportunity to perform at their best.

That is why we now also offer you corn in the Gro-Coated Brand. This is more than a chemical protection. We add a root growth stimulator which is designed to give a faster root growth which in turn insures a faster growing plant. That is of importance especially in springs when the weather is cool. Note the root picture shown here, taken of corn of the same variety planted by identical conditions at the same time. The Gro-Coated Brand side has brace roots as well as a secondary root system and is far ahead of the other. Note also the difference in the growth of the corn in the tests in the other photograph that is here given. It will pay you to insist upon and demand getting genuine Gro-Coated Brand for the best assurance of maximum results.



Not Gro-Coated

Showing difference in root growth. Same variety, soil and all conditions, planted at the same time.

Gro-Coated

TOP YIELDING

Late to Medium Hybrids

ALL HYBRIDS—15c Bu. Higher F.O.B. Illinois or Ohio

825A—115 to 120 Days. Our newest, late maturing hybrid. Does well on both heavy and light soils. One of the very best in its maturity range. See page 8 in our general catalog.

FLATS \$9.75 Bu. ROUNDS \$7.00 Bu.

813—120 Day Type. Our biggest seller in this maturity class. Single ear, deep grained, strong stalk. Contains an extra in bred line for longer pollinating period. See catalog page 7.

FLATS \$9.90 Bu. ROUNDS \$7.00 Bu.

800—118 to 120 Days. A consistently good hybrid—Produces excellent feeding corn—High shelling percentage. A splendid hybrid. See catalog page 7.

FLATS \$9.90 Bu. ROUNDS \$7.00 Bu.

U. S. 13—110 to 120 Days. The old stand-by widely adapted. Uniformly graded. We offer U. S. 13 at its best. Yields up to 15 bu. per acre more.

FLATS \$7.75 Bu. ROUNDS \$4.95 Bu.



NEW IMPROVED

Medium & Early Hybrids

ALL HYBRIDS—15c Bu. Higher F.O.B. Illinois or Ohio

625—We consider this one tops in this class. Stalks are extremely strong and hold ears well. 110 day variety.

FLATS \$10.50 Bu. ROUNDS \$7.50 Bu.

615B—A heavy yielding, widely adapted number. Superior as feeding corn—105 to 110 days. The best for thin land. As an all around general purpose variety you can't beat it. Catalog page 9.

FLATS \$10.65 Bu. ROUNDS \$7.50 Bu.

425—Our earliest hybrid—A vigorous grower and a dandy for big yields. 90-95 days. We have yet to see a better corn in this maturity class. See catalog page 8.

FLATS \$11.25 Bu. ROUNDS \$8.25 Bu.

405—Has given wonderful results over a wide area. Grown from Northern Iowa as far south as Oklahoma—95 to 100 days. A time tested hybrid that has always come through. See catalog page 9.

FLATS \$11.40 Bu. ROUNDS \$8.25 Bu.

Refer to Our Catalog Pages
7-8-9 for Detail Description

4 NEWEST RELEASES

We have four new varieties that we are releasing this year for the first time. They have been carefully tested and proven exceptional producers of fine quality corn. Supplies are not large enough to offer in our catalog, but we list them here for the first time. Here's something extra. First come, first served. Not carried in stores.

401—Our earliest variety 80-85 day. Dark green color. Strong stalked. Big root system. If you want something extra good in an extra early variety this is it. \$11.50 bu.

450—95 to 100 day. About the same adaptability as 405 described above. Uniform ears well covered with husks. Very little spoilage. Minimum ear drop-page and practically no lodging. \$11.50 bu.

525—100 to 105 day type. A very high yielder. Tolerant to corn borers and root worm. Deep grain. Small 'cob. Very little lodging or ear dropping. A great variety. \$11.00 bu.

650—105 to 110 day. One of our research men says, "The sky's the limit for the claims you can make for this Hybrid. Well covered ears, heavy stalk. Highly resistant to corn borer, lodging and ear or stalk rot. Has out yielded many of the better varieties. \$11.00 bu.

BERRY'S FAMOUS HYBRID BLENDS

The increasing popularity of Berry's Famous Hybrid blends is justly deserved. Many of our customers report that our blends have given the best yields of any corn they have ever planted. We are able to extend the pollination period by blending three or more hybrids of different maturity classes. This longer pollination period often results in larger, better filled ears particularly during hot, dry weather. One of our customers told us that the Hybrid blend seed corn purchased from us last year actually out yielded another variety of corn which cost him over twice as much by 15 bushels per acre! Our blends are excellent for silage, too, because of the vigorous growth.

These blends are available in 4 different grades: Regular Flat, Small Flat, Thick Flat, and Regular Rounds. The Small Flat, Thick Flat and Rounds may be obtained in both the medium (100-110 days) and late (110-120 days) maturing blends, while the regular flat is offered in one maturity range (105-120 days). The Regular Flat is carefully and uniformly graded blend of average size kernels. The Small Flats have the width and thickness of the Regular Flats, but are somewhat shorter grained. The Thick Flats are kernels too long to classify as rounds and too thick to go into the flat grades.

In ordering be sure to specify which grade and maturity blend you prefer.
15c per bu. higher Illinois or Ohio.

Prices on Blends Medium Maturity

Small Flat\$6.50 bu.

Thick Flat\$5.75 bu.

Round\$5.25 bu.

Later Maturity

Regular Flat\$7.50 bu.

Small Flat\$6.25 bu.

Thick Flat\$5.50 bu.

Round\$5.00 bu.

SPECIAL 405

In Ordering Be Sure to Specify 405-SP

Our 405 is always in big demand because of its consistently superior performance and also because it is early. The past few years there is an increasing demand for early hybrids. This special grade of 405 is the small flat, however these smaller sized kernels are capable of producing the same vigorous growing plants as the larger kernels. We have drastically reduced the price on this special offer. You practice double economy when you order this value—not only do you get the advantage of saving \$4 to \$5 a bushel, but you can plant more acres per bushel because of the smaller sized kernel. 405SP is a uniform grade, high in germination and carries the same identical inbred lines as our regular grades. Our supply is quite limited on this outstanding offer.

PRICE \$7.50 per Bu.

15c per Bu. higher f.o.b. Illinois or Ohio.

ECONOMY SPECIAL

405

425

615B

SPECIFY 405-ES, 425-ES OR 615-ES WHEN ORDERING

This year in preparing our seed grades, we made finer grade separations than we ever had before. In producing these extra fine grades, we obtained in our earlier varieties a grade that ran somewhat smaller kernels than the average. This is all very sound seed stock of high germination and it has the same characteristics that you will find in all of the regular grades which sell from \$10.75 to \$11.50 per bushel. They'll produce exactly the same kind of corn and the same kinds of yields. The average of this corn should plant about a bushel to ten acres. We plant much smaller seed than this when

we plant our seed fields to Hybrid Corn so we know what seed of this kind can do. Dealers might leave this corn in their regular grades and get much higher prices for it. This is your opportunity. See page 9 of our general catalog for description of these three varieties and in ordering specify special size and then the variety, either 405-ES, 615B-ES, or 425-ES. It is all the same price as long as it lasts and it's all Gro-Coated of course.

PRICE \$6.75 per Bu.

15c per bu. higher Illinois or Ohio.

Freight Costs are **SMALL**

Occasionally a customer will write us as follows, "I like your seeds, they are the best I have ever used, but freight charges always seem to be high." With three shipping points, Clarinda, Streator, Illinois, or Marion, Ohio, charges are reasonable to most points. It is hard to get the exact rate for any particular distance in averages as they vary between freight and truck and again between grass seeds and grains, such as oats,

etc. We have considered prepaying all freight charges so the customer will know the exact cost of seeds he is buying. This would put a penalty on the customer closer to shipping point than those that are distant. Therefore, to be fair we quote everything f.o.b. shipping point and the customer pays the freight charges. Seed is the most important item that you have to buy this year. Freight becomes a small item.

THE COST IS ONLY A FEW CENTS AN ACRE

On the average order at our present prices freight costs will average about as follows: Within 200 miles of shipping point about 3% additional over the amount ordered. From 2 to 400 miles about 5%, and over 400 miles on up to greater distances, 7%. As near as we can figure now the average cost would run around 5%. In other words, if your order is for \$100.00 the freight charges on the average would run about \$5.00 and there

will be cases where it is more or less depending on distance and just how much of your order is for grass seeds and how much is for grain and whether it is a truck or a local freight shipment. Another way to state this average would be using a rate of \$1.25 per hundred. Because an average order now of 400 lbs. will run about \$100.00 in value, so the freight would be about \$5.00.

HOW DOES THAT WORK OUT?

Red Clover is generally sown $7\frac{1}{2}$ lbs. per acre. If the freight is as much as \$2.00 per 100 that means 15c an acre. At \$1.00 freight it is only $7\frac{1}{2}$ c an acre. Alfalfa is sown at 12 lbs. per acre so then freight may mean 12c to 24c per acre more. There is scarcely any seed

excepting small grain that is sown at over 20 lbs. per acre and Grains and Beans take lower rates. So the extra cost per acre for freight can be figured in pennies.

WHAT A WHALE OF A DIFFERENCE A FEW CENTS CAN MEAN IN YOUR FIELDS

Gro-Coated Brand Seeds have in thousands of farm tests made stands that ranged from 15% to 150% more than were obtained under identical conditions with

seed of equal quality but without Gro-Coat protection. An increase in the number of plants per acre generally means a corresponding increase in yield.

WHAT DOES THAT MEAN TO YOU?

Based on reports from many farmers an average increase in stands and yields is 30 to 40%. Taking only 25% you get the following average results: Normal yield in two cuttings 3 tons per acre. 25% increase means $\frac{3}{4}$ of a ton more hay. At \$18.00 per ton means \$13.50 more income per acre. That's what a few cents more per acre can buy for you. Even with only 10%

increase you get \$5.40 per acre extra profit.

If our Gro-Coated Brand seed does not produce a better stand we will refund you in cash any extra cost per acre you have in our seed. We give you this extra assurance of better stands and give you back the extra expense if you don't get it. You can't afford to buy on any other basis.

ACRE COST CAN BE LOWER

You can actually save on acre seed cost. Since more Gro-Coated Brand seeds make healthy vigorous plants it doesn't require as much seed per acre as with non-Gro-Coated seed. If you are satisfied with the kind of stands you have been getting you can cut your seeding rate about 25% with Gro-Coated Brand seed.

You can get much heavier stands than normal from

regular seeding rates. Any way you look at it Berry's Gro-Coated seed is the most economical seed you can buy.

The small added cost of transportation can well prove to be the wisest investment you can make this year.

America's **FINEST ROSES**

HARDY WESTERN GROWN, 2 YEAR NO. 1 STOCK
SUPREME QUALITY AT BERRY'S CUT PRICES
THE FINEST ROSE SELECTION WE'VE EVER HAD

3 for only \$3²⁵ Postpaid

YOU SAVE AT LEAST 80¢

This super-value Rose Garden includes one each of these 3 lovely varieties:

Crimson Glory

(Dark Red)

The Doctor

(Best Pink)

McGredys Yellow

(Better Yellow)

Giant No. 1 size bushes, with heavy branches and strong roots. Bloom all summer until frost. Pruned ready for planting. Postpaid.

Collection No. E5274

Guaranteed to live and bloom!



NAME_____

ADDRESS_____

CITY_____STATE_____

STAMP

Berry
SEED CO.

CLARINDA, IOWA

CLARINDA, IOWA

Please print name & address. All members of one family at same address should order under same name.

R.F.D. No. Box No.

State..... County

Ship To.

.....
Show here if shipment is to go to another person or town than that shown above.

If there is no freight agent at point of destination, we will ship to nearest point where there is an agent unless you include the amount of freight charges in your remittance.

If shipment is to go by a truck line that has no depot in your town, give us the name of a local store or oil station where the trucker can deliver the seed and collect transportation.

Otherwise we will ship to town nearest you where there is a truck depot.

REMITTANCE ENCLOSED \$

If you wish Ill. or Ohio shipment, remit prices F.O.B. those points as shown on price list.

CHECK HOW YOU WANT ORDER SHIPPED:

☐ PARCEL ☐ EXPRESS ☐ FREIGHT ☐ TRUCK
☐ POST

If Parcel Post is desired, include enough to cover the postage charges unless prices are shown postpaid. Our catalog will give you postage rates.

[illegible]

CUSTOMERS who have changed addresses please furnish previous address:

Name

Town: _____ State _____ Street RFD or Box: _____

CONTINUE YOUR ORDER ON BACK OF THIS SHEET
IF YOU ARE GETTING DUPLICATE CATALOGS, PLEASE ADVISE.

CONTINUATION OF ORDER

[illegible]